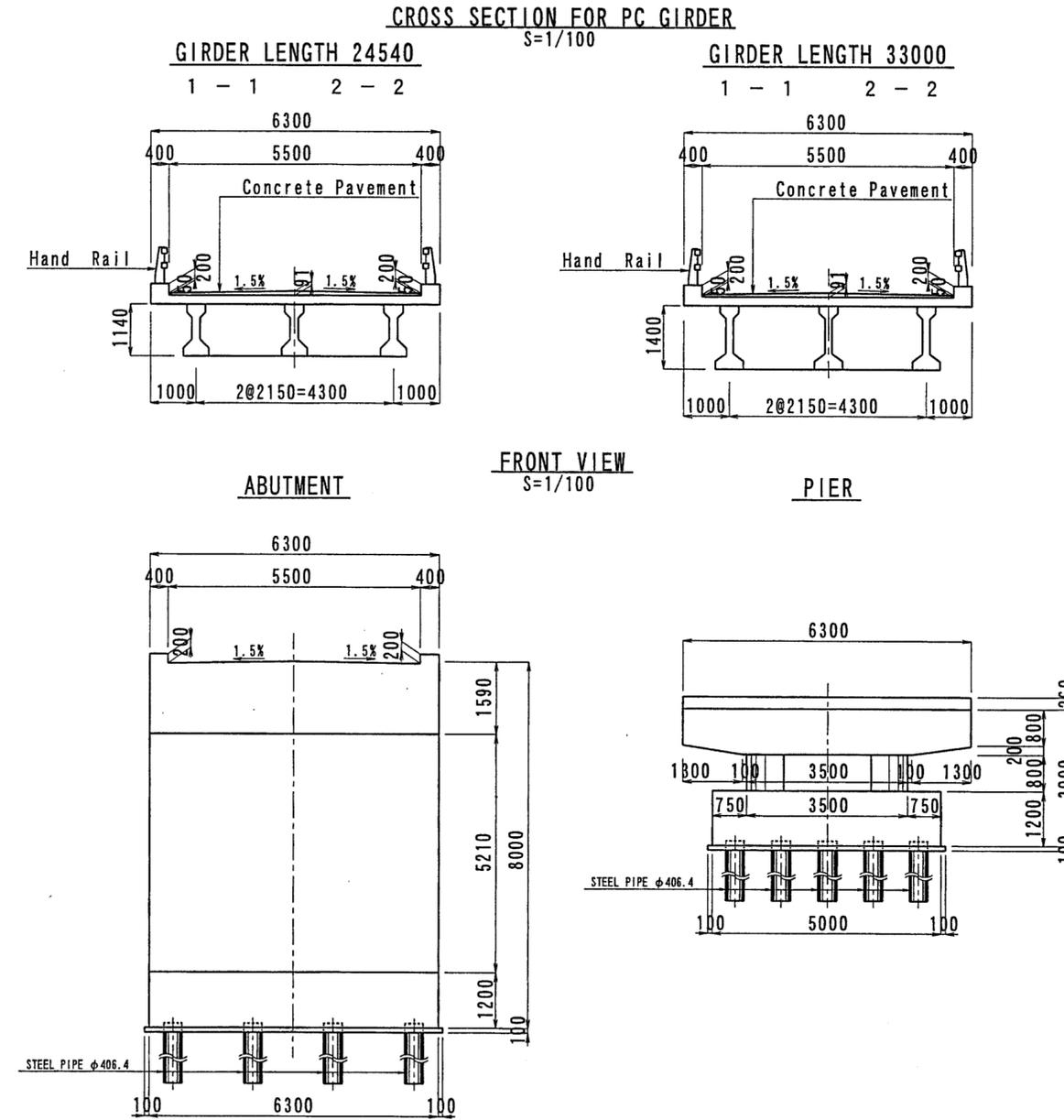
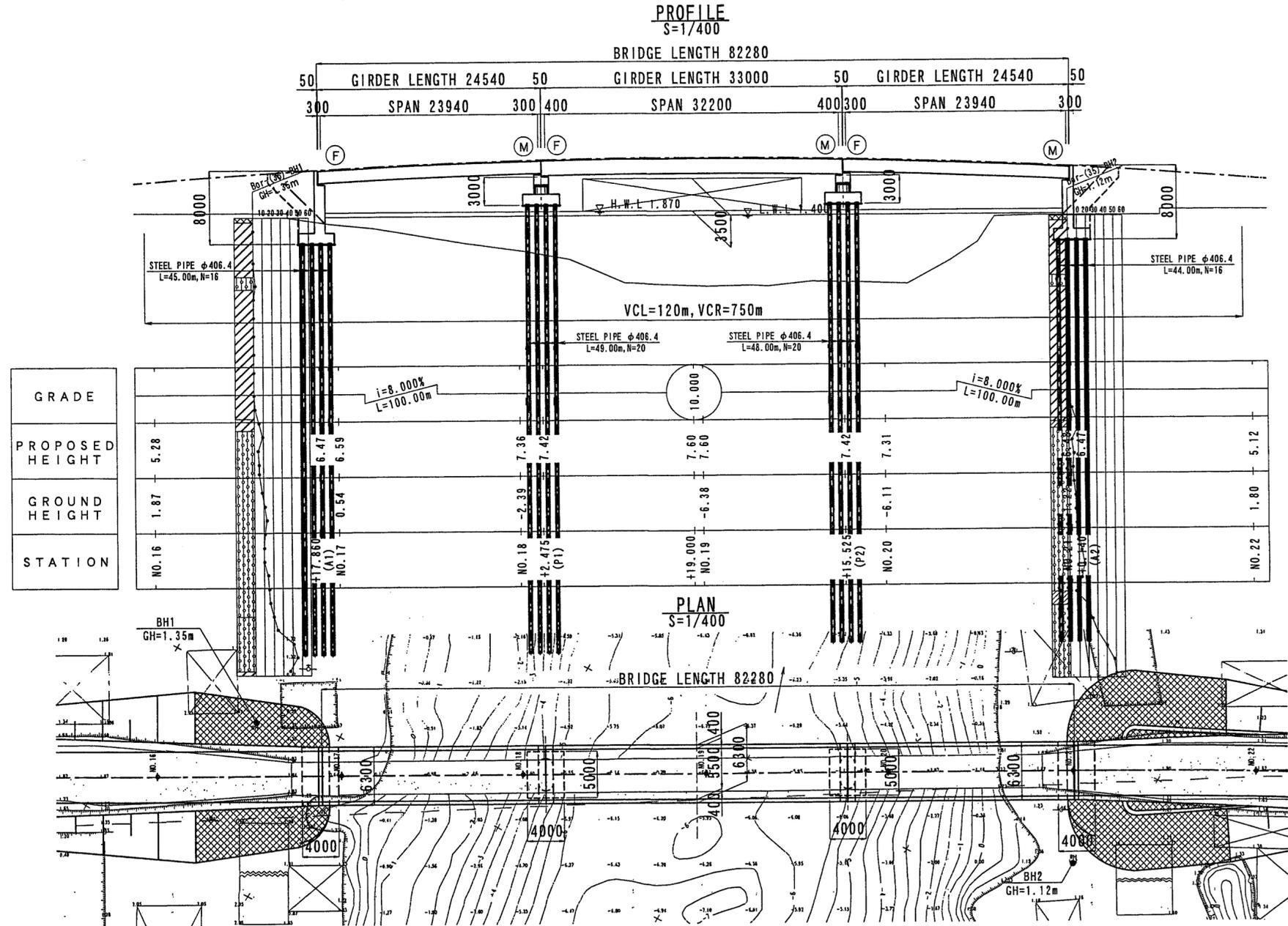


Br. No. (35) Ranh Tong Bridge
(General View of the Bridge)



DESIGN CRITERIA

General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	82.82m (23.94m+32.20m+23.94m)	
Clearance (H, B)	3.5m x 24.0m	
Longitudinal Gradient	8.0%max	
Cross-fall of Carriage way	1.5%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	STEEL PIPE φ406.4mm	
Material Strength		
Super Structure Type	Girder	σ28=400kgf/cm ²
	Cross Beam	σ28=300kgf/cm ²
	Slab	σ28=300kgf/cm ²
Surface	Asphalt	5cm
	Curb, Wall	σ28=300kgf/cm ²
Sub Structure Type	σ28=200kgf/cm ²	
Reinforcing Steel	SD295 (py=30kg/mm ²)	

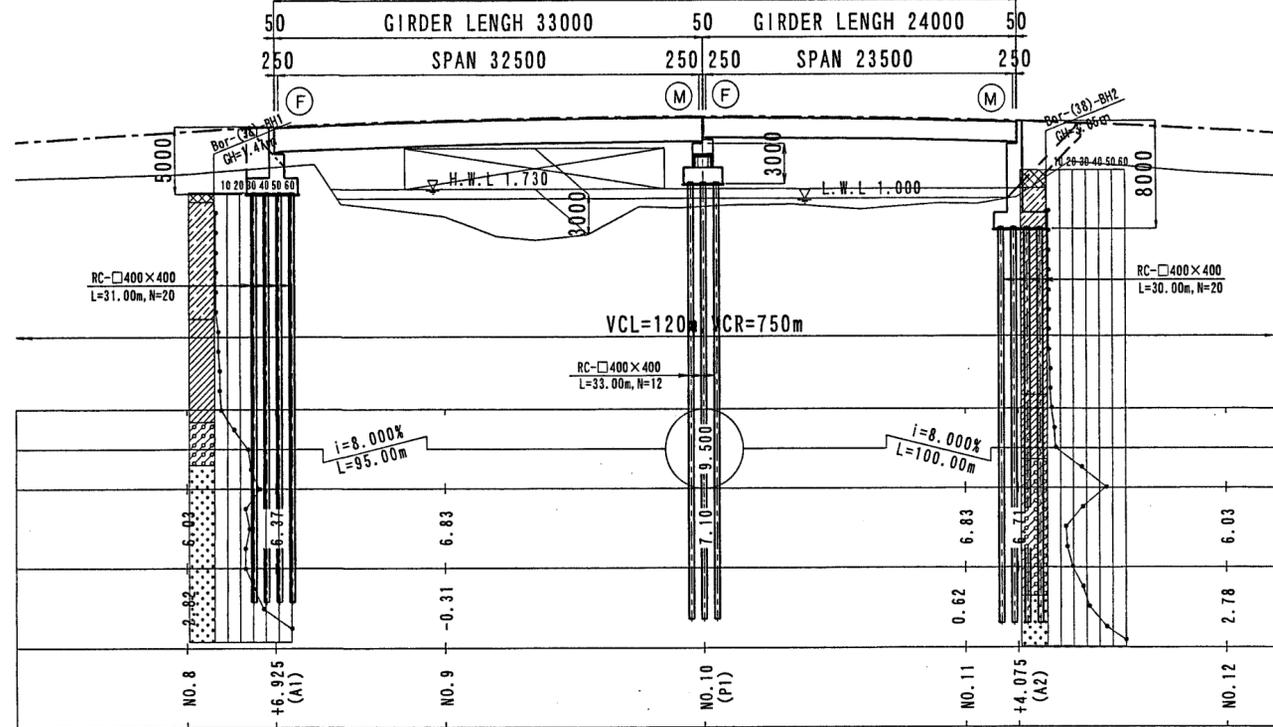
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA

Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (35) Ranh Tong Bridge (General View of the Bridge)	1/400, 1/100	

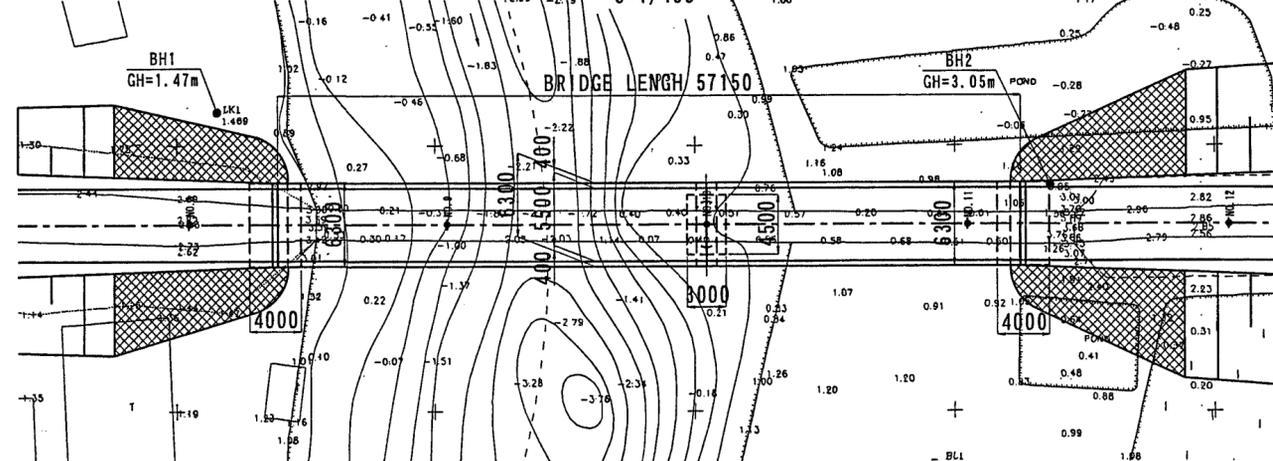
Br. No. (38) Ba Ly Bridge
(General View of the Bridge)

PROFILE
S=1/400

BRIDGE LENGTH 57150



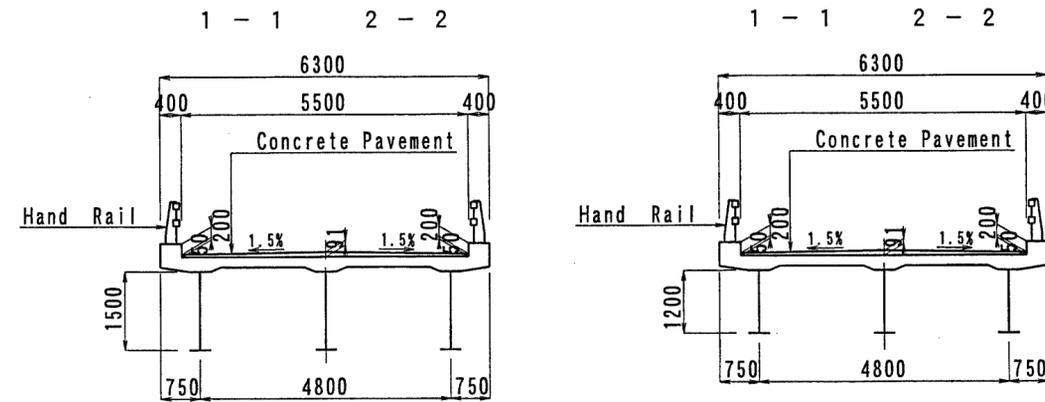
PLAN
S=1/400



CROSS SECTION FOR STEEL GIRDER
S=1/100

GIRDER LENGTH 33000

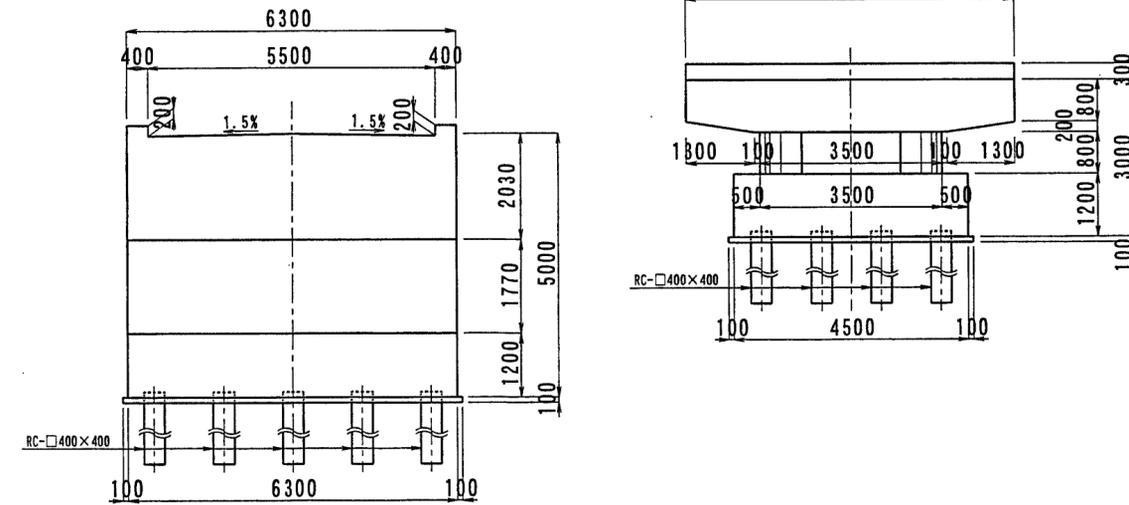
GIRDER LENGTH 24000



FRONT VIEW
S=1/100

ABUTMENT

PIER



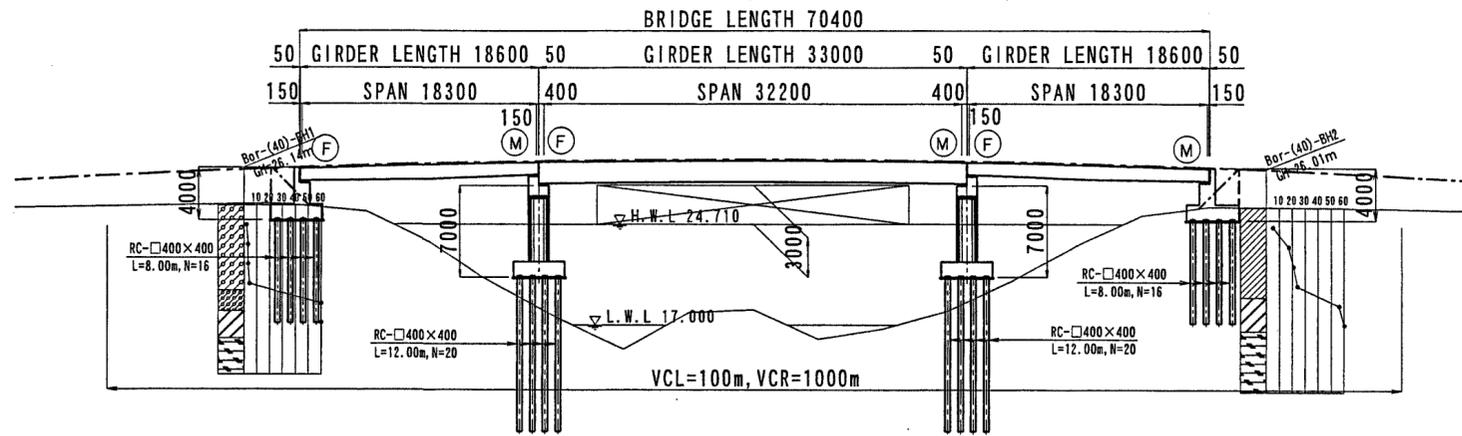
DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	57.15m (32.50m+23.50m)
Clearance (H, B)	3.0m x 20.0m
Longitudinal Gradient	8.0% max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel Girder
Sub Structure Type	Abutment: Reinforced Concrete Pier: Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	
Super Structure Type	Girder: $\sigma 28=400\text{kgf/cm}^2$ Cross Beam: $\sigma 28=300\text{kgf/cm}^2$ Slab: $\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt: 5cm Curb, Wall: $\sigma 28=300\text{kgf/cm}^2$ $\sigma 28=200\text{kgf/cm}^2$
Sub Structure Type	$\sigma 28=200\text{kgf/cm}^2$
Reinforcing Steel	SD295 ($\text{py}=30\text{kg/mm}^2$)

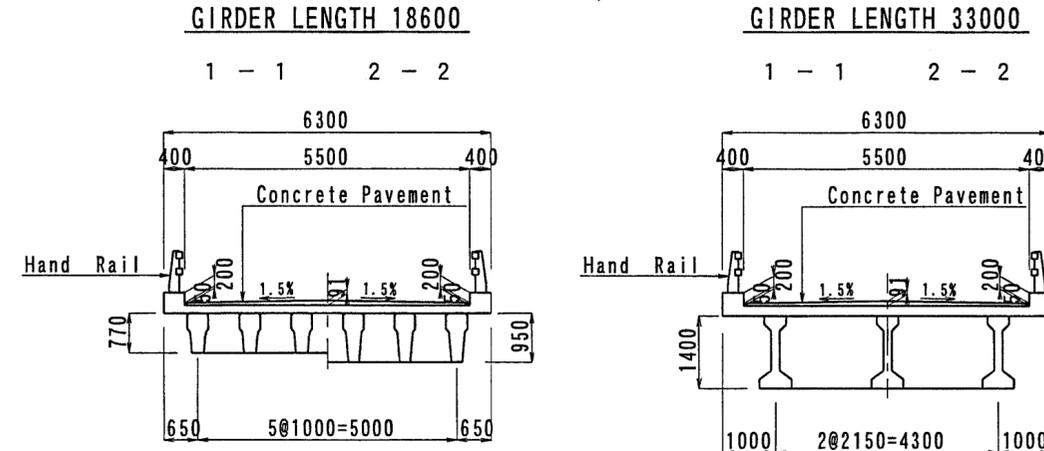
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (38) Ba Ly Bridge (General View of the Bridge)	1/400, 1/100	

PROFILE
S=1/400

Br. No. (40) Sai Gon Bridge
(General View of the Bridge)

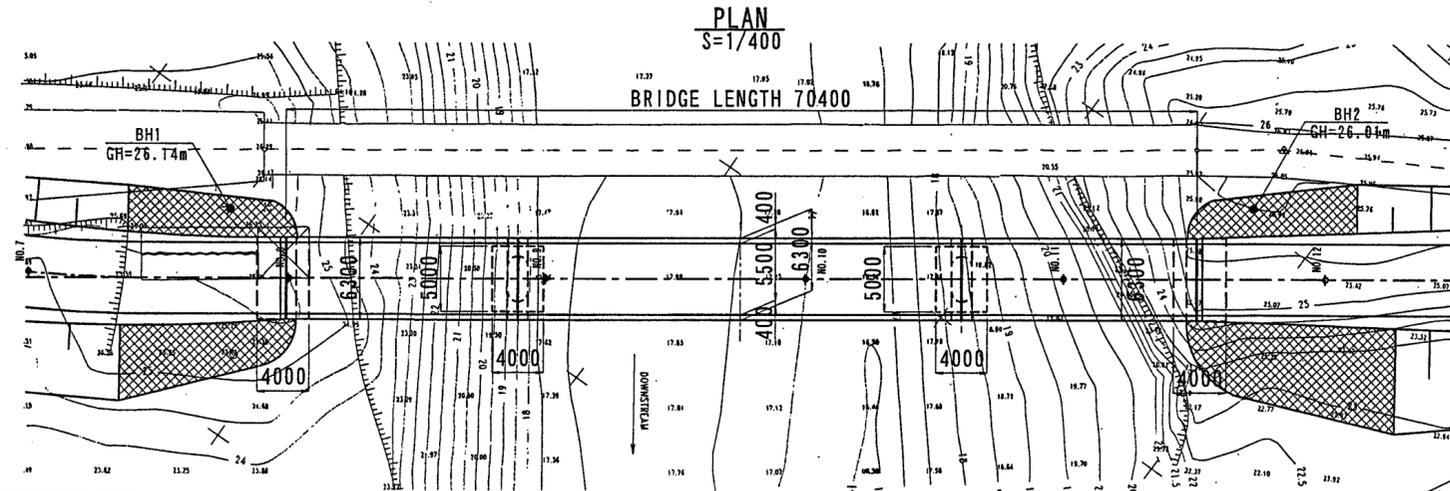


CROSS SECTION FOR PC GIRDER
S=1/100

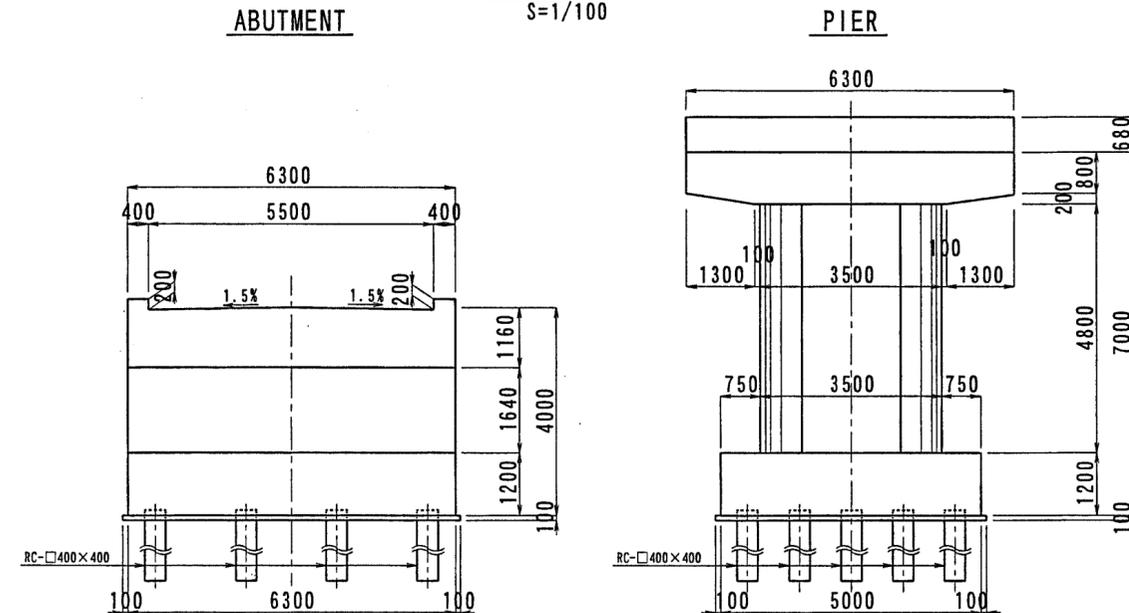


GRADE												
PROPOSED HEIGHT	28.15	29.03	29.04	29.51	29.54	29.65	29.64	29.51	29.34	29.03	28.64	
GROUND HEIGHT	25.98	26.13	26.13	17.50	17.50	15.92	15.92	23.09	23.09	25.98	25.98	
STATION	NO. 7	+19.800 (A1)	NO. 8	+18.475 (P1)	NO. 9	+15.000	NO. 10	+11.525 (P2)	NO. 11	+10.200 (A2)	NO. 12	

PLAN
S=1/400



FRONT VIEW
S=1/100



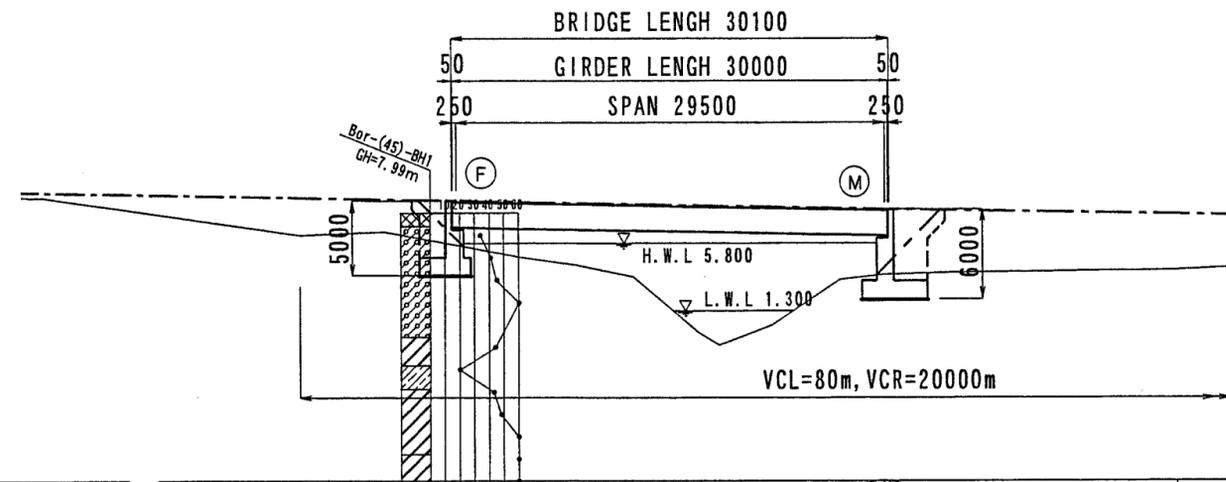
DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	70.40m (18.30m+32.20m+18.30m)
Clearance (H, B)	4.5m x 24.0m
Longitudinal Gradient	5.0% max
Cross-fall of Carriage way	1.50%
Super Structure Type	Prestressed Concrete
Sub Structure Type	Abutment: Reinforced Concrete Pier: Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	
Super Structure Type	Girder: $\sigma_{28}=400\text{kgf/cm}^2$ Cross Beam: $\sigma_{28}=300\text{kgf/cm}^2$ Slab: $\sigma_{28}=300\text{kgf/cm}^2$
Surface	Asphalt: 5cm Curb, Wall: $\sigma_{28}=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma_{28}=200\text{kgf/cm}^2$
Reinforcing Steel	SD295 ($\rho_y=30\text{kg/m}^2$)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International	Scale	Drawing No.
Br. No. (40) Sai Gon Bridge (General View of the Bridge)	1/400, 1/100	

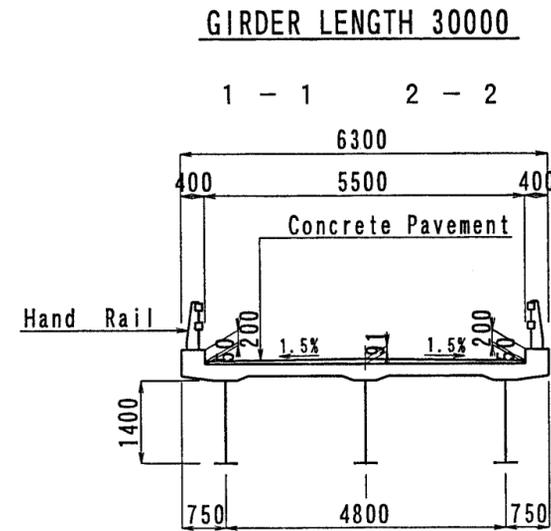
Br. No. (45) Chua Bridge
(General View of the Bridge)

PROFILE
S=1/400



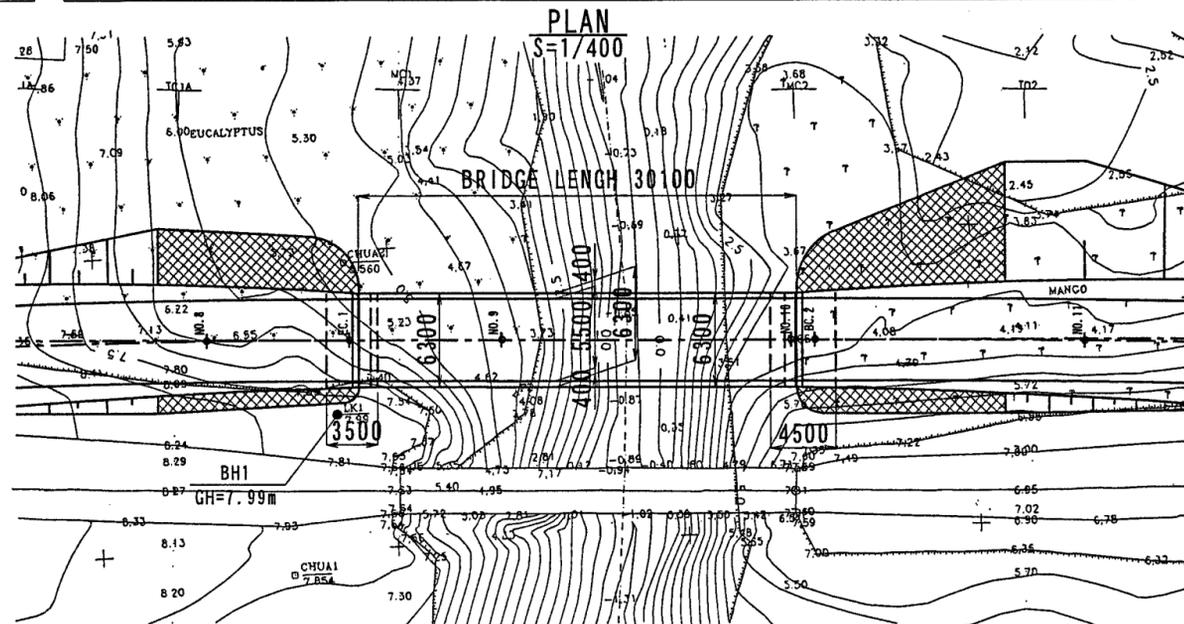
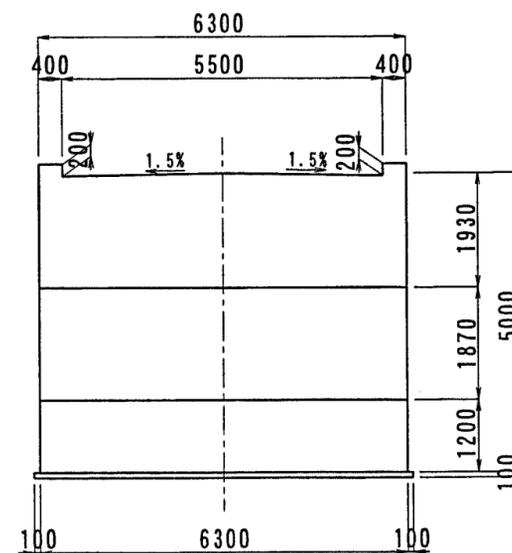
GRADE	$i=2.000\%$ L=120.00m 8.200 $i=1.600\%$ L=110.00m				
PROPOSED HEIGHT	9.00	8.80	8.61	8.24 8.23	7.89
GROUND HEIGHT	8.12		3.65	6.85	6.85
STATION	NO. 8	+10.270 (A1)	NO. 9	NO. 10 +0.370 (A2)	NO. 11

CROSS SECTION FOR STEEL GIRDER
S=1/100



FRONT VIEW
S=1/100

ABUTMENT



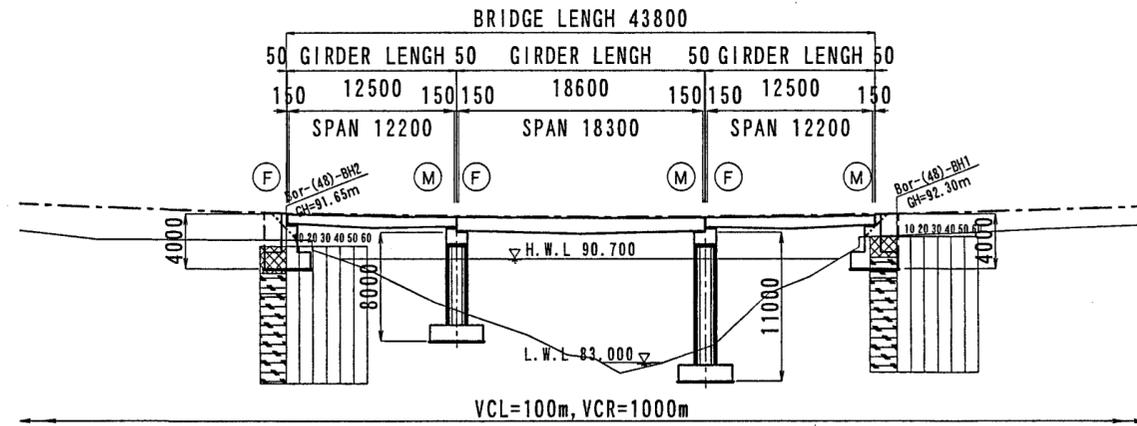
DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length(Span Length)	30.10m(29.50m)
Clearance(H.B)	-
Longitudinal Gradient	2.0%max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel Girder
Sub Structure Type	Abutment Reinforced Concrete Pier Reinforced Concrete
Foundation Type	Spread
Material Strength	
Super Structure Type	Girder $\sigma 28=400\text{kgf/cm}^2$
	Cross Beam $\sigma 28=300\text{kgf/cm}^2$
	Slab $\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt 5cm
	Curb, Wall $\sigma 28=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma 28=200\text{kgf/cm}^2$
Reinforcing Steel	SD295($p_y=30\text{kg/mm}^2$)

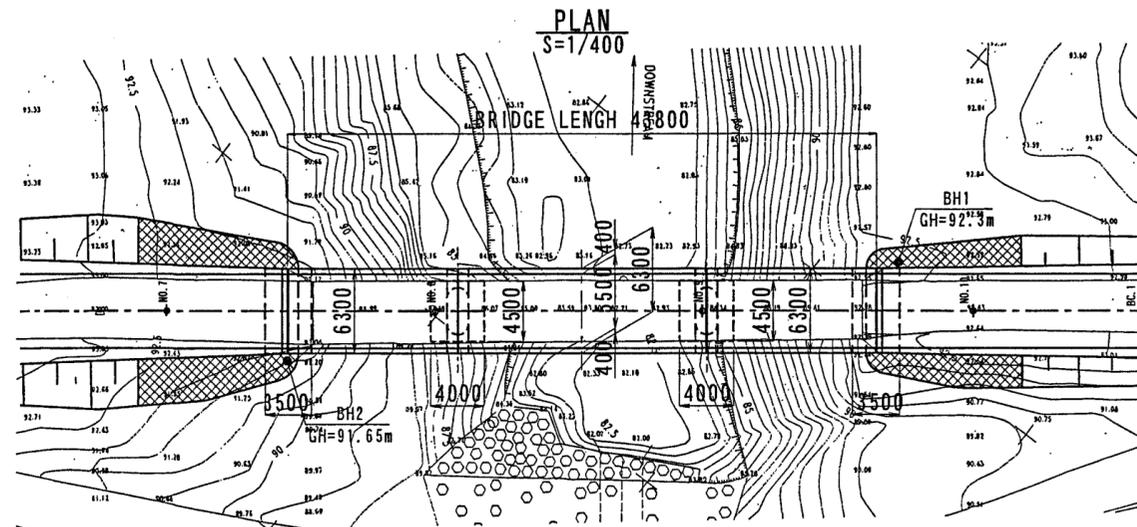
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency(JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International	Scale	Drawing No.
Br. No. (45) Chua Bridge (General View of the Bridge)	1/400, 1/100	

Br. No. (48) Dakia Bridge
(General View of the Bridge)

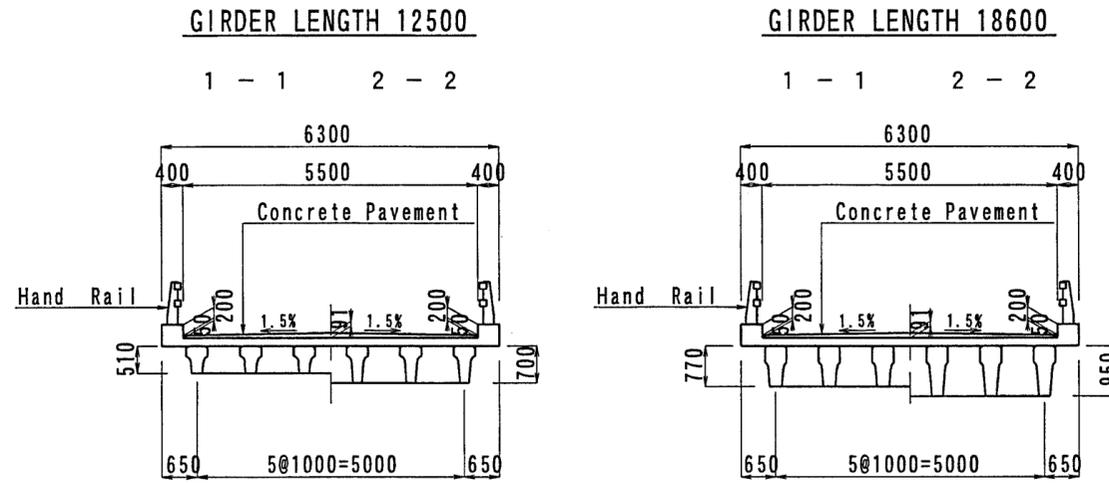
PROFILE
S=1/400



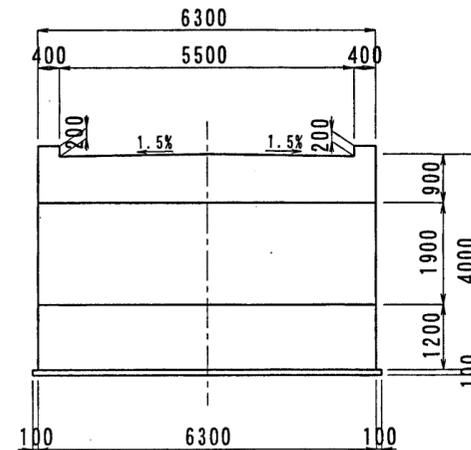
GRADE	i=5.210% L=131.00m		92.500		i=4.830% L=129.00m		
PROPOSED HEIGHT	94.30	94.04	93.84	93.82	93.76	93.78	
GROUND HEIGHT	92.09	87.49	83.99	92.63	94.12		
STATION	NO. 7	+9.100 (A1)	NO. 8	+1.675 (P1)	+11.000	NO. 9	+0.375 (A1)
						+12.900 (A2)	NO. 10



CROSS SECTION FOR PC GIRDER
S=1/100

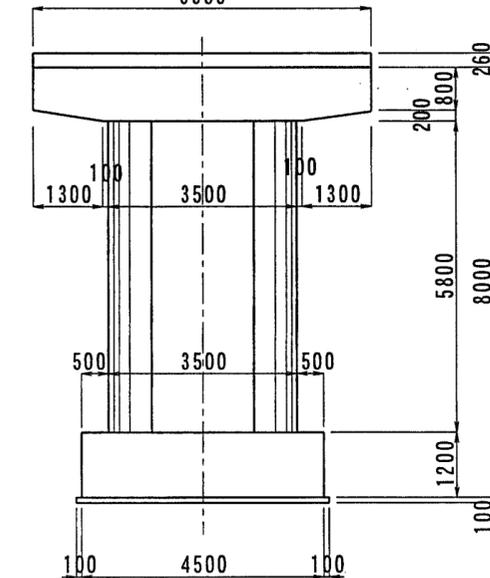


ABUTMENT



FRONT VIEW
S=1/100

PIER



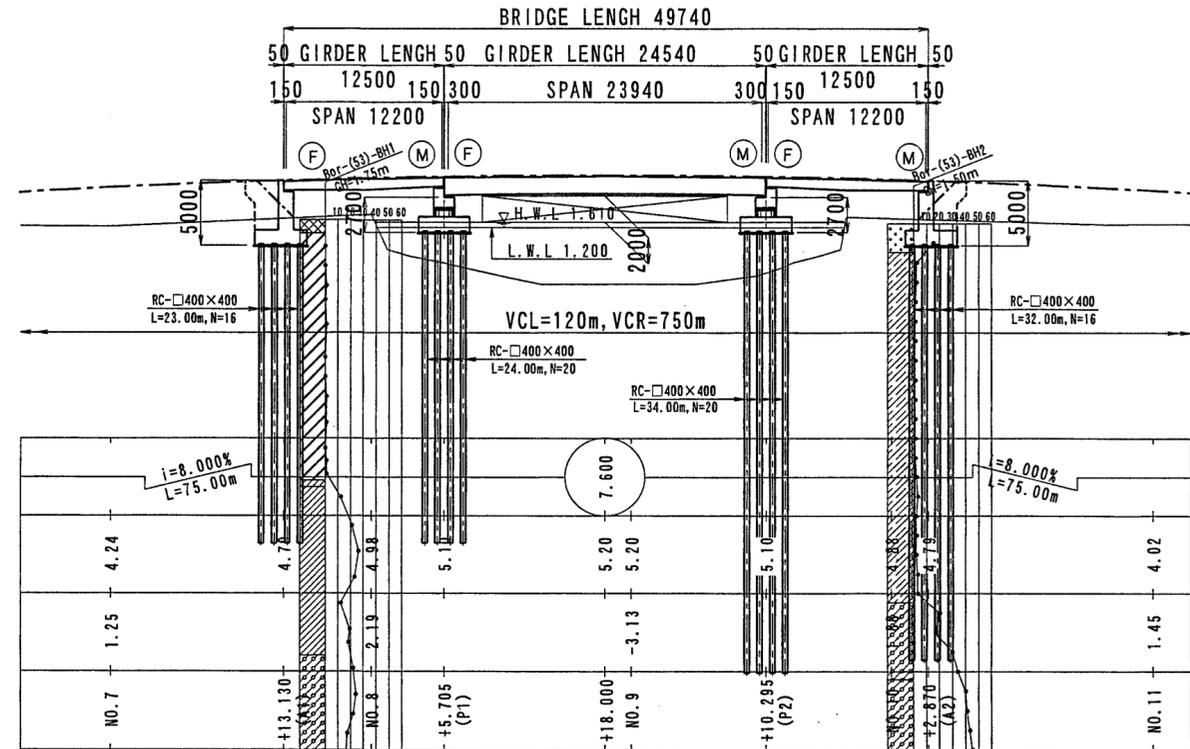
DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	43.80m(12.20m+18.30m+12.20m)
Clearance(H, B)	-
Longitudinal Gradient	5.2%max
Cross-fall of Carriage way	1.50%
Super Structure Type	Prestressed Concrete
Sub Structure Type	Abutment Reinforced Concrete Pier Reinforced Concrete
Foundation Type	Spread
Material Strength	
Super Structure Type	Girder $\sigma 28=400\text{kgf/cm}^2$ Cross Beam $\sigma 28=300\text{kgf/cm}^2$ Slab $\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt 5cm Curb, Wall $\sigma 28=300\text{kgf/cm}^2$
Sub Structure Type	$\sigma 28=200\text{kgf/cm}^2$
Reinforcing Steel	SD295($\rho_y=30\text{kg/mm}^2$)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International	Scale	Drawing No.
Br. No. (48) Dakia Bridge (General View of the Bridge)	1/400, 1/100	

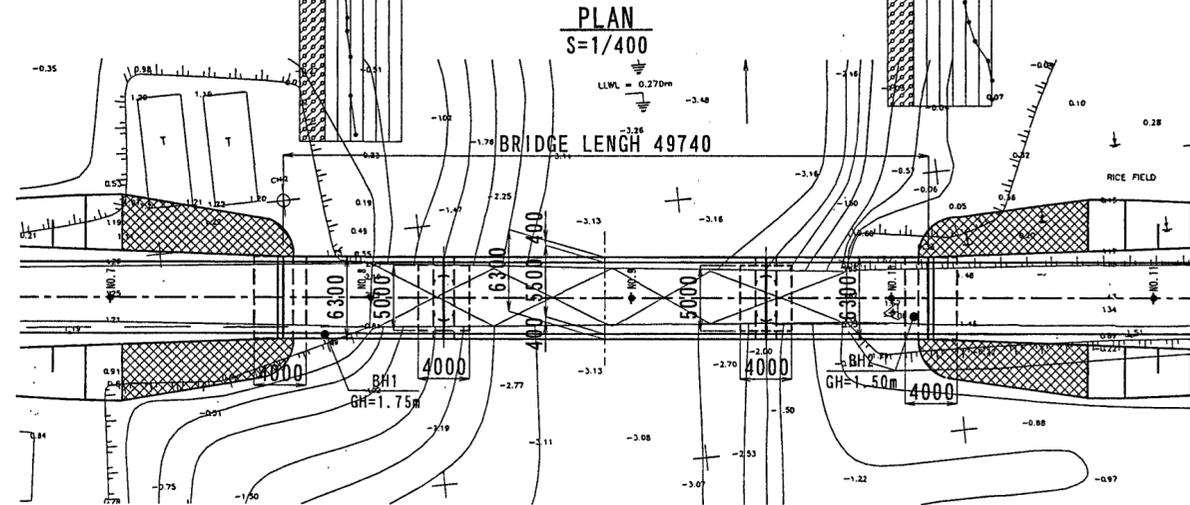
Br. No. (53) Chay Bridge
(General View of the Bridge)

PROFILE
S=1/400

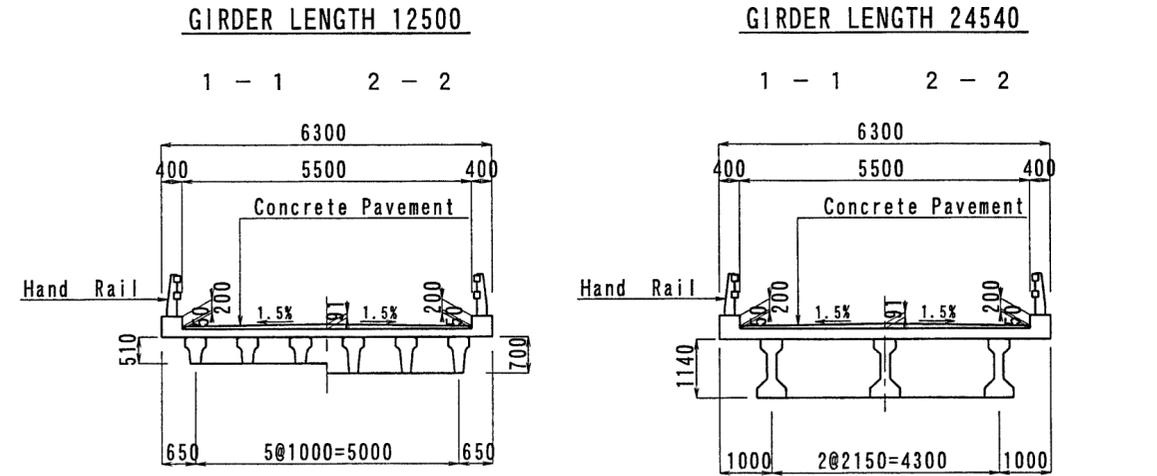


GRADE	
PROPOSED HEIGHT	4.24
GROUND HEIGHT	1.25
STATION	NO. 7

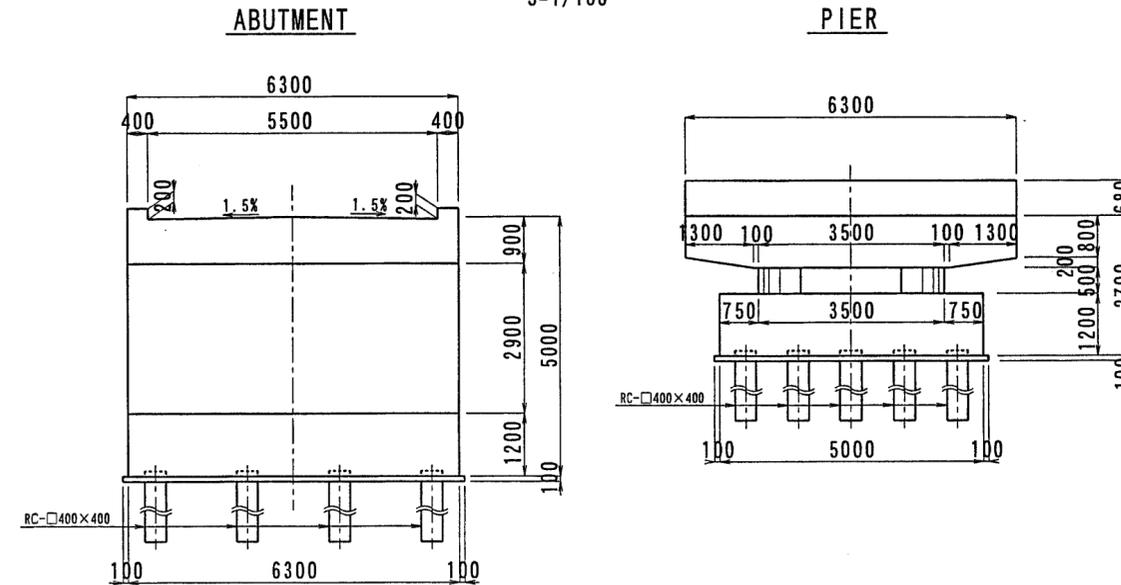
PLAN
S=1/400



CROSS SECTION FOR PC GIRDER
S=1/100



FRONT VIEW
S=1/100



DESIGN CRITERIA

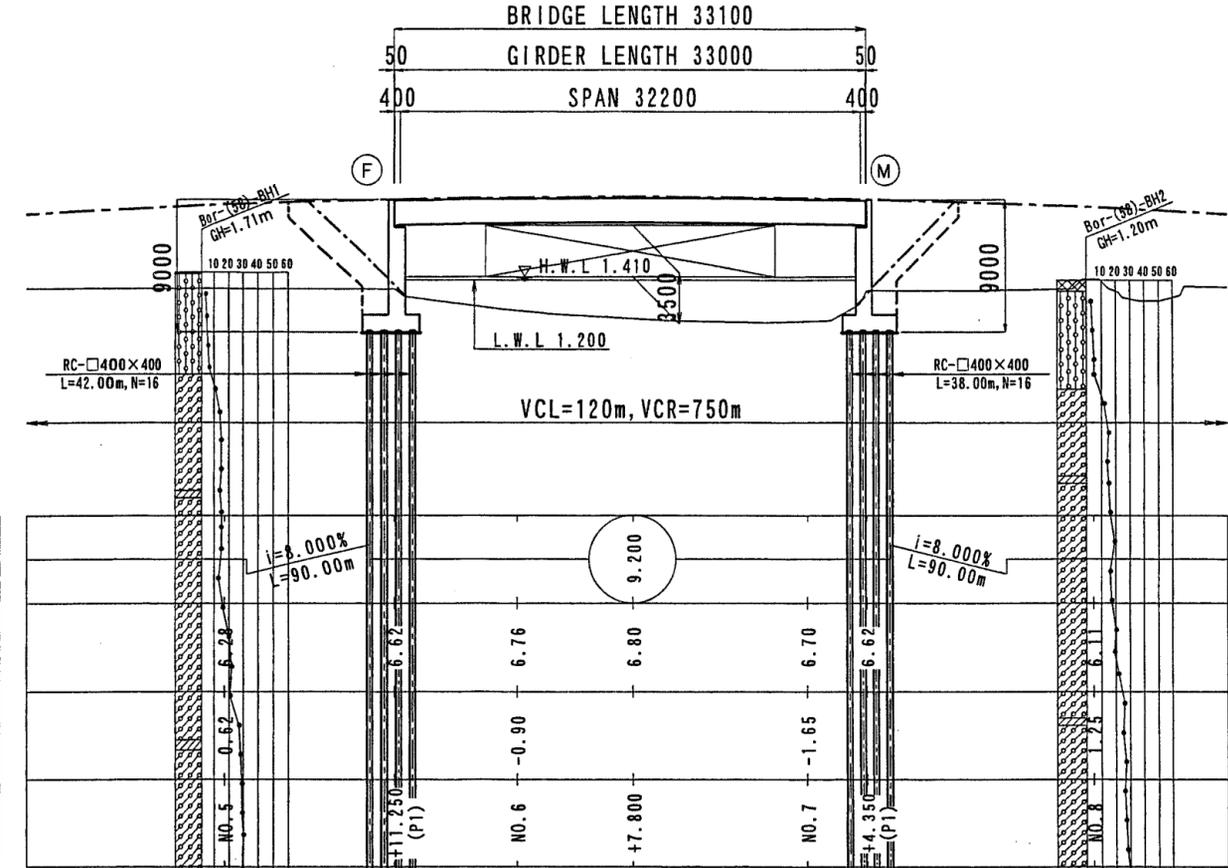
General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	49.74m (12.20m+23.94m+12.20m)	
Clearance (H, B)	2.0m x 18.6m	
Longitudinal Gradient	8.0%max	
Cross-fall of Carriage way	1.5%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm	
Material Strength		
Super Structure Type	Girder	$\sigma 28=400\text{kgf/cm}^2$
	Cross Beam	$\sigma 28=300\text{kgf/cm}^2$
	Slab	$\sigma 28=300\text{kgf/cm}^2$
Surface	Asphalt	5cm
	Curb, Wall	$\sigma 28=300\text{kgf/cm}^2$
Sub Structure Type		$\sigma 28=200\text{kgf/cm}^2$
Reinforcing Steel		SD295 ($p_y=30\text{kg/mm}^2$)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA

Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International	Scale	Drawing No.
Br. No. (53) Chay Bridge (General View of the Bridge)	1/400, 1/100	

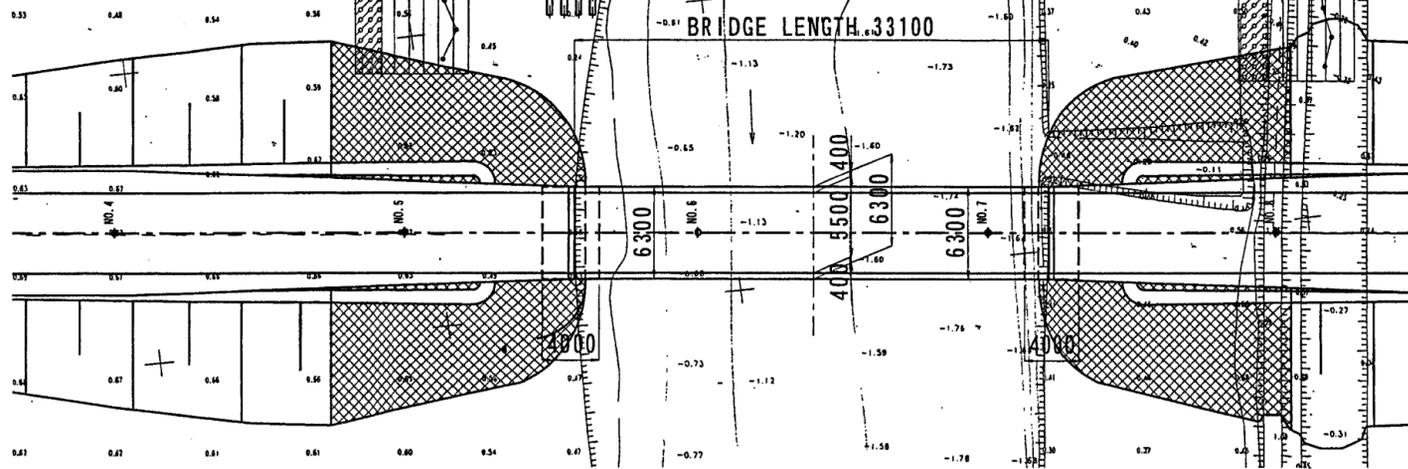
Br. No. (58) Ap An Binh Bridge
(General View of the Bridge)

PROFILE
S=1/400

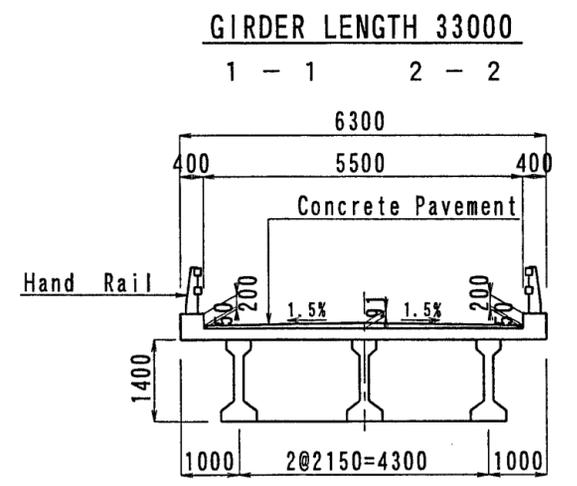


GRADE	
PROPOSED HEIGHT	
GROUND HEIGHT	
STATION	

PLAN
S=1/400

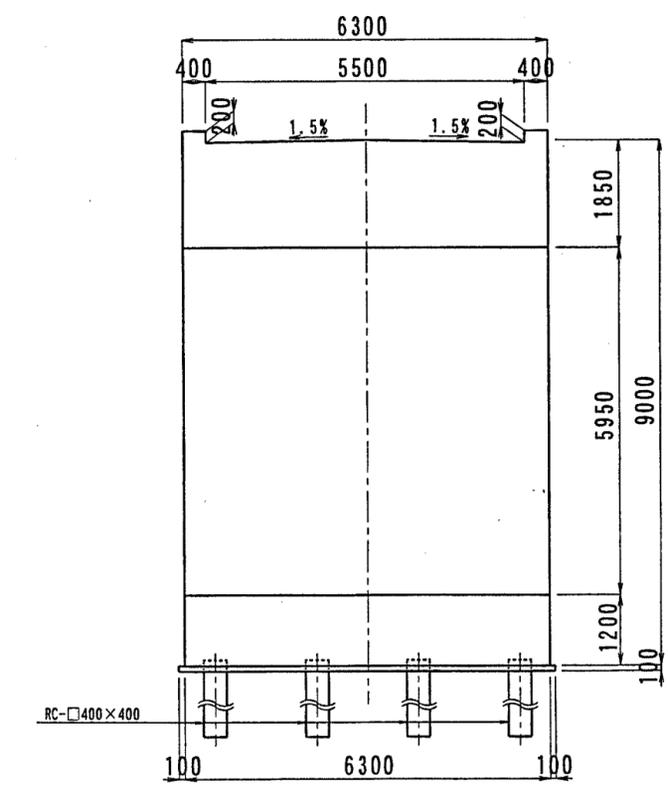


CROSS SECTION FOR PC GIRDER
S=1/100



FRONT VIEW
S=1/100

ABUTMENT



DESIGN CRITERIA

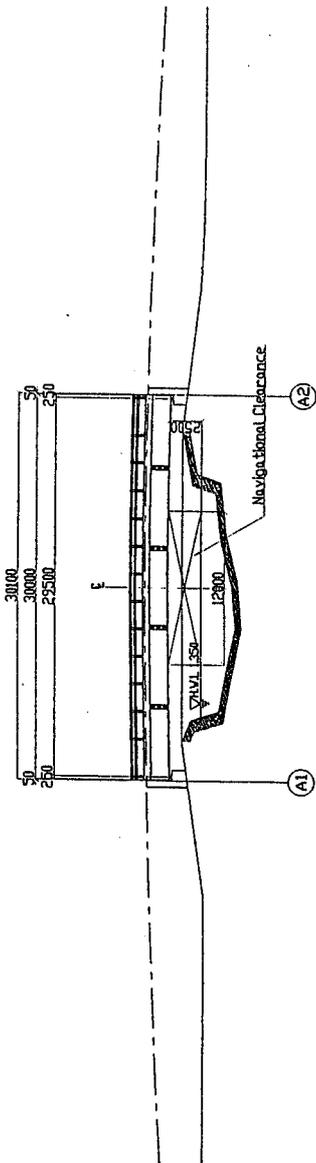
General Condition		
Design Speed	V=40km/h	
Bridge Length (Span Length)	33.10m (32.20m)	
Clearance (H, B)	3.5m × 20.0m	
Longitudinal Gradient	8.0% max	
Cross-fall of Carriage way	1.50%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
Foundation Type	RC-□400×400	
Material Strength		
Super Structure Type	Girder	$\sigma 28=400kgf/cm^2$
	Cross Beam	$\sigma 28=300kgf/cm^2$
	Slab	$\sigma 28=300kgf/cm^2$
Surface	Asphalt	5cm
	Curb, Wall	$\sigma 28=300kgf/cm^2$
Sub Structure Type	$\sigma 28=200kgf/cm^2$	
Reinforcing Steel	SD295 ($p_y=30kg/cm^2$)	

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEKONG DELTA AREA		
Japan International Cooperation Agency (JICA)	Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International		
Drawing Title	Scale	Drawing No.
Br. No. (58) Ap An Binh Bridge (General View of the Bridge)	1/400, 1/100	

添付資料 1 4 資機材調達型一橋梁一般図

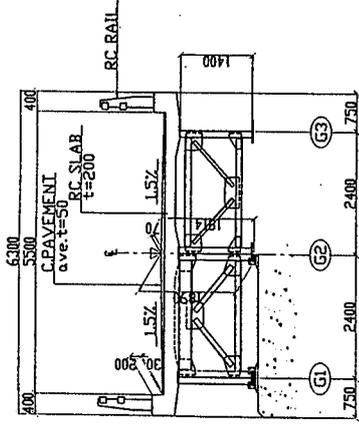
Br.No10 Xeo Dua Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

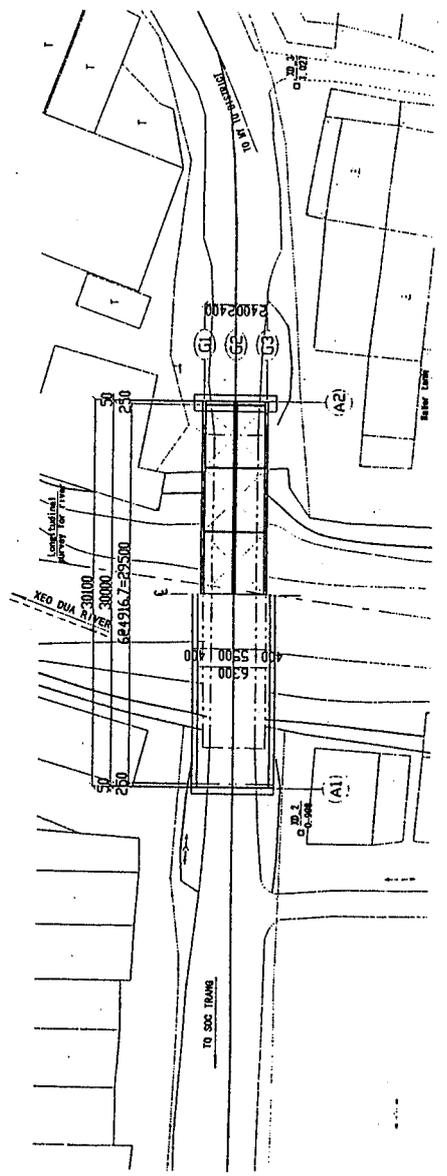


GRADE	PROPOSED HIGH	GROUND HIGH	DISTANCE	MARKER
			3015	LI
		5397		
		5022	283	MC1
		7430	283	MC2
		7725	5397	MA2
		832		MC3
		181		MC4
		5397		
			147	CA
			904	TA1

SECTION
SCALE=1/50



PLAN
SCALE=1/200



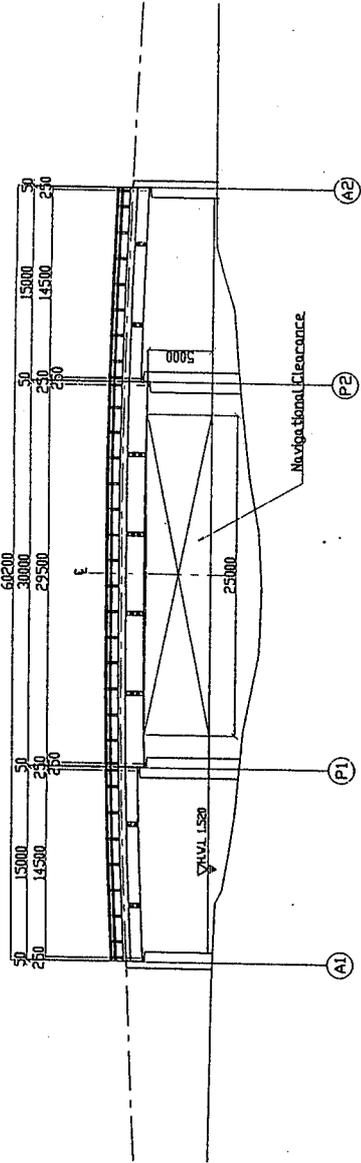
DESIGN CRITERIA

Design Speed	General Condition	40km/h
Bridge Length (Span Length)		30.0m
Clear Width		8.0m
Longitudinal Gradient		0.00%
Cross-fall of Carriageway		1.5%
Super Structure Type	Abutment	Reinforced Concrete
	Pier	Reinforced Concrete
	Foundation Type	Reinforced Concrete Square 40x40cm
	Material Strength	Steel Pipe 4.0x8.0mm
		Girder
		Steel Beam
		Sub
		C.Pavement
		Curb Rail
		Reinforcing Steel

RUSP DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN HEDONG DETA AREA	
Jaya International Cooperation Agency (JICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Drawing Title	Scale
General View of Xeo Dua Bridge	1/200, 1/50
	Drawing No.

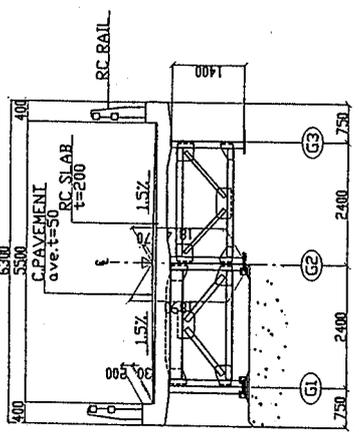
Br.No14 Nga Tu Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

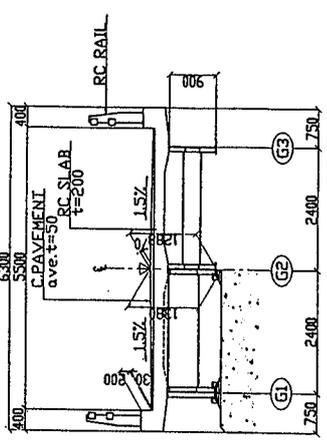


GRADE	PROPOSED HIGH	GROUND HIGH	DISTANCE	MARKER
N1	51.78	2.23	7.24	
N2	53.90			
N3	55.55	1.99		
N4	59.33	0.15		
N5	62.15	0.03		
N6	63.65	0.54		
N7	63.65	0.54		
N8	68.98		9.28	
N9	71.83	1.10		
N10	77.85	2.29		
N11	82.85	2.46		
N12	81.00		8.138	
N13	87.25	2.21		
N14	91.35	1.45		
N15	96.45	0.99		
N16	99.00		8.288	
N17	104.45	0.49		
N18	104.65	0.15		
N19	107.15	0.59		
N20	109.57	1.27		
N21	113.38			
N22	118.45			
N23	121.80			

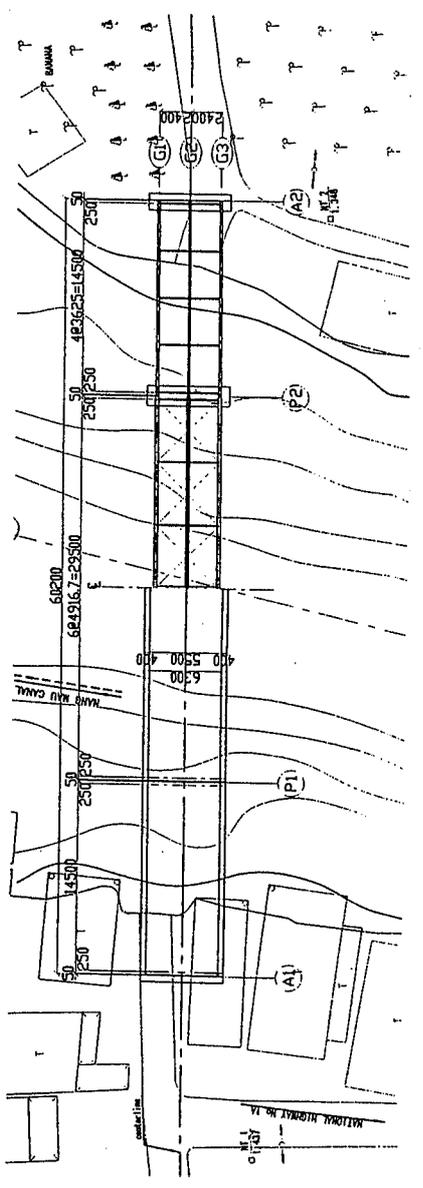
SECTION
SCALE=1/50
P1-P2



A1-P1, P2-A2



PLAN
SCALE=1/200



DESIGN CRITERIA

General Condition	Y=40m/A
Design Speed	80 km/h
Bridge Length (Span Length)	80.2m
Clear Width	5.5m
Longitudinal Gradient	0.05%
Cross-fall of Carriageway	1.5%
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel Pipes 440K/4mm
Super Structure Type	Girder
Surfaces	C.Pavement
Reinforcing Steel	SP286 (or 28K/10mm2)

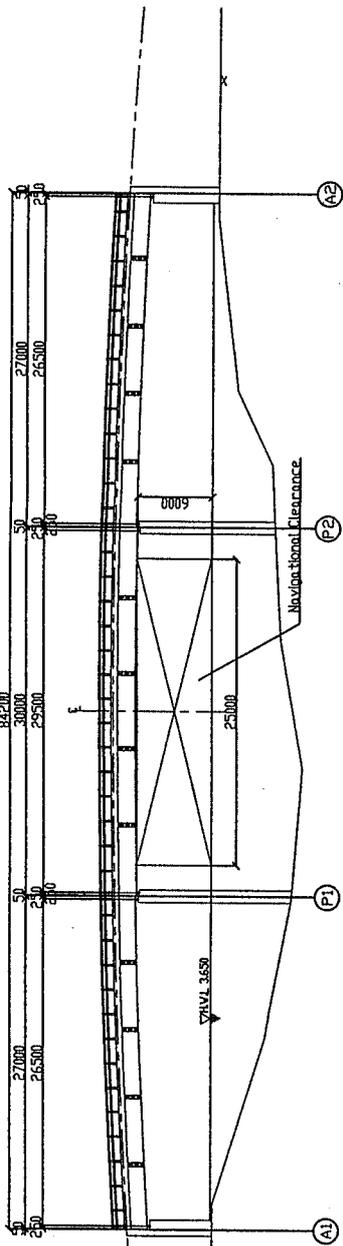
BASIC DESIGN STUDY ON THE PROJECT FOR
CONSTRUCTION OF BRIDGES IN MEGONG DELTA AREA

Japan International Cooperative Agency (JICA)
Ministry of Transport
The Socialist Republic of Vietnam

Pacific Consultants International
Drawing Title
Scale
1/200 - 1/50
Drawing No.

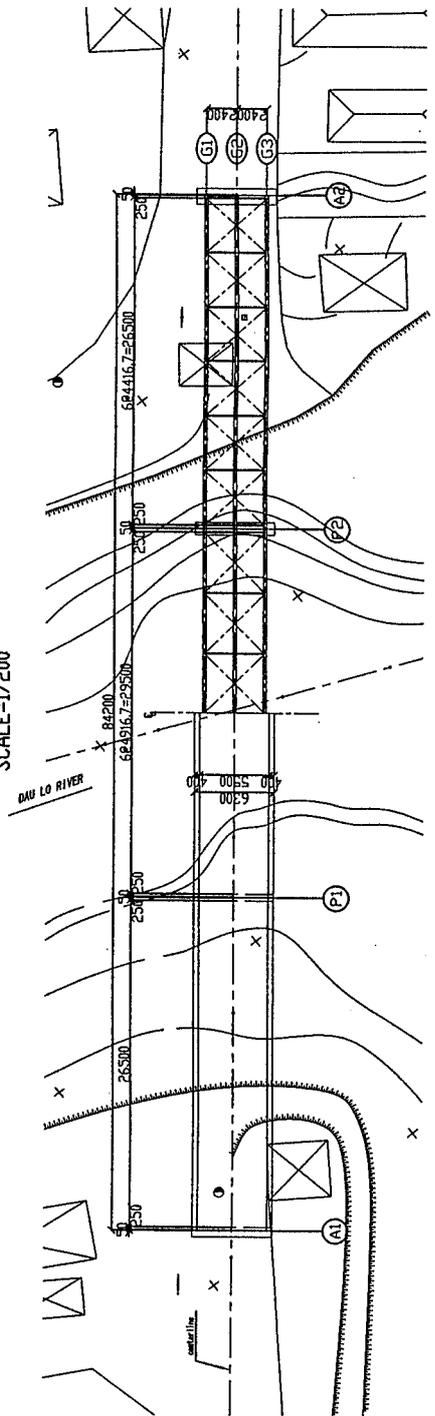
Br.No19 Soc Triet Bridge (General View of the Bridge)

PROFILE
SCALE=1/200

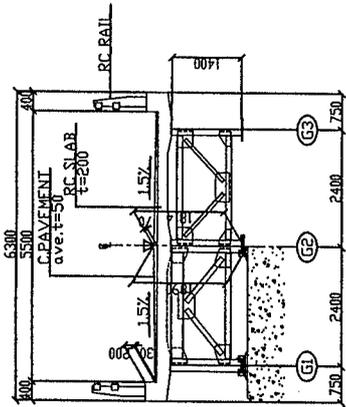


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
A1	57.90	60.00	3.60	10.386
A2	58.50	73.68	6.65	11.818
A3	59.20	75.68	6.97	11.818
P1	60.00	100.00	11.56	11.818
P2	61.00	120.00	11.12	11.818
P3	62.00	126.00	11.60	11.818
P4	63.00	140.00	12.27	11.818
P5	64.00	140.00	12.27	11.818

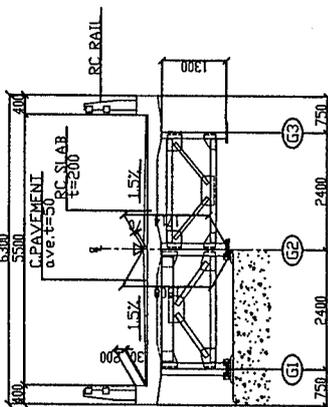
PLAN
SCALE=1/200



SECTION
SCALE=1/50
PI-P2



AI-P1, P2-A2



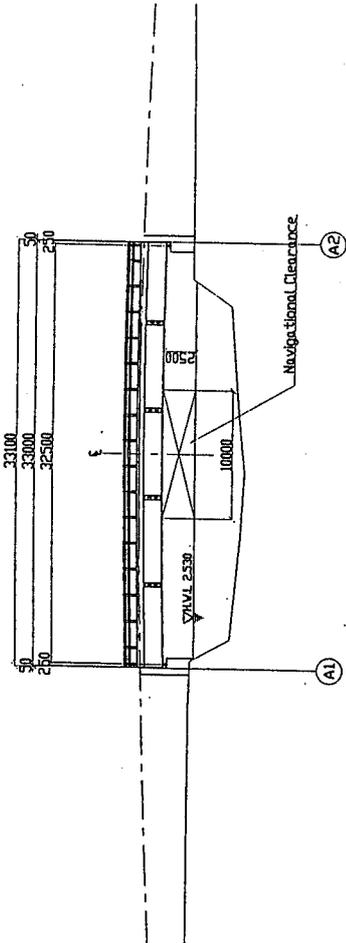
DESIGN CRITERIA

General Condition	T=40km/h
Bridge Speed	40km/h
Bridge Length (Span Length)	84.5m
Clear Width	5.5m
Longitudinal Gradient	0.02max
Cross-slope of Carriage way	1.5%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square Abutment Steel Piles 408.6mm
Material Strength	Steel Piles 408.6mm Grout Concrete Steel Deck C.P. Slab Chalk Wall Soil Structure Type Reinforcing Steel
Super Structure Type	Steel Deck Steel Deck C.P. Slab Chalk Wall Soil Structure Type Reinforcing Steel
Surface	Steel Deck Steel Deck C.P. Slab Chalk Wall Soil Structure Type Reinforcing Steel
Soil Structure Type	Steel Deck Steel Deck C.P. Slab Chalk Wall Soil Structure Type Reinforcing Steel
Reinforcing Steel	Steel Deck Steel Deck C.P. Slab Chalk Wall Soil Structure Type Reinforcing Steel

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN URBAN DELTA AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Drawn Title	Scale
General Year of Soc Triet Bridge	1/200, 1/50
Drawn No.	

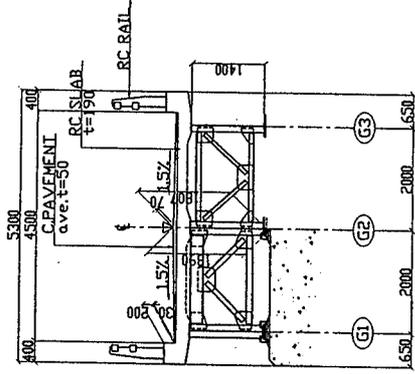
Br.No20 Cai nai Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

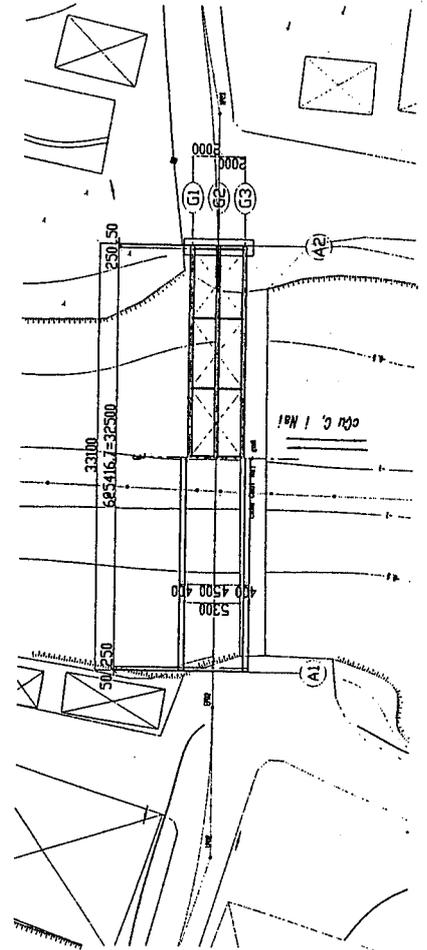


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
32500	32500	32500	0	
32550	32550	32550	5	
32600	32600	32600	10	
32650	32650	32650	15	
32700	32700	32700	20	
32750	32750	32750	25	
32800	32800	32800	30	
32850	32850	32850	35	
32900	32900	32900	40	
32950	32950	32950	45	
33000	33000	33000	50	
33050	33050	33050	55	
33100	33100	33100	60	

SECTION
SCALE=1/50



PLAN
SCALE=1/200



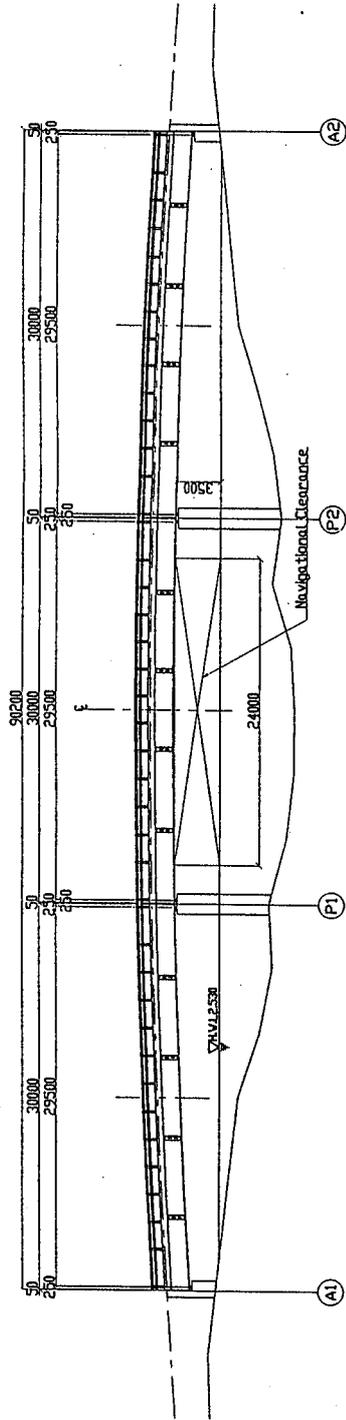
DESIGN CRITERIA

General Condition		Value
Design Speed		70 km/h
Bridge Length (Span Length)		30.1m
Clear Width		4.5m
Construction Gradient		0.05%
Clearance of Carriage way		1.90m
Super Structure Type	Abutment	Reinforced Concrete
Sub Structure Type	Pier	Reinforced Concrete
Foundation Type		Reinforced Concrete Square 60x60cm
		Steel Type S45C, 45Mn
		Material Strength
		Concrete
		Steel
Super Structure Type		RC Slab
		RC Beam
		Sub
		C.Pavement
Surface		Carb Wall
Sub Structure Type		RC Wall
Reinforcing Steel		S45C (or S45C/45Mn)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO D.F.R.A. AREA	
Agency: Mexican Government	
Ministry of Transport	
The Socialist Republic of Vietnam	
Project Title	Scale
General Title of Cal. Nai Bridge	1/200, 1/50
Drawing No.	

Br.No22 Kenh Tu Bridge (General View of the Bridge)

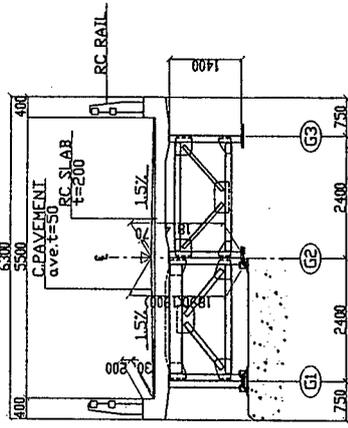
PROFILE
SCALE=1/200



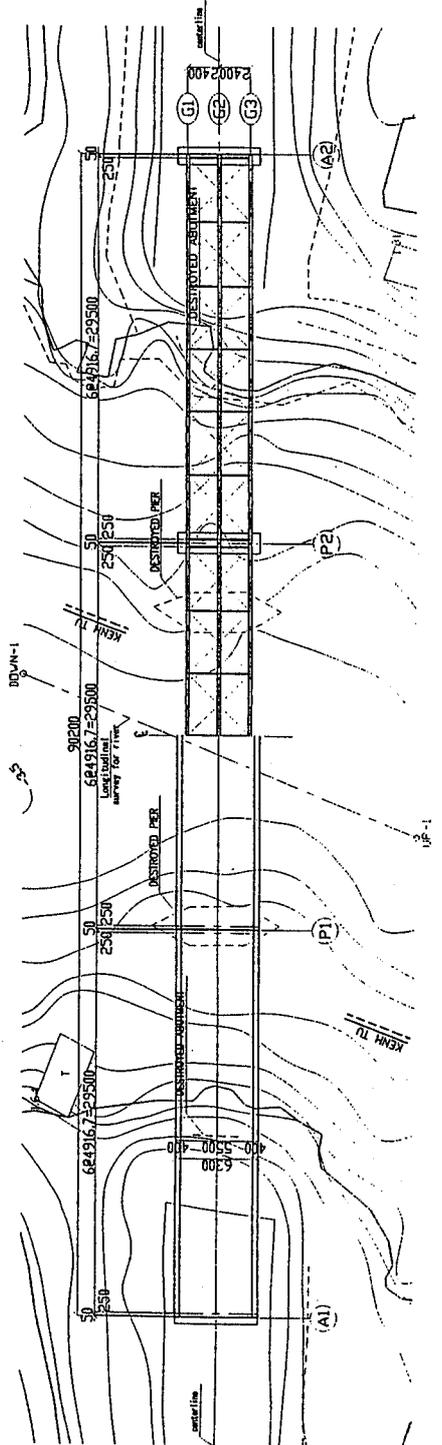
GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
A	4.90	6.80	1.0	A
B	6.80	1.0	6.80	B
C	7.00	1.5	7.00	C
D	7.40	1.30	7.40	D
E	7.90	1.70	7.90	E
F	7.90	1.70	7.90	F
G	8.50	3.20	8.50	G
H	9.00	3.40	9.00	H
I	10.00	1.20	10.00	I
J	10.50	2.10	10.50	J
K	11.00	1.50	11.00	K
L	11.50	0.30	11.50	L
M	12.00	0.10	12.00	M
N	12.50	1.10	12.50	N
O	13.10	6.50	13.10	O

SECTION
SCALE=1/50

PL~P2(A1~P1,P2~A2)



PLAN
SCALE=1/200



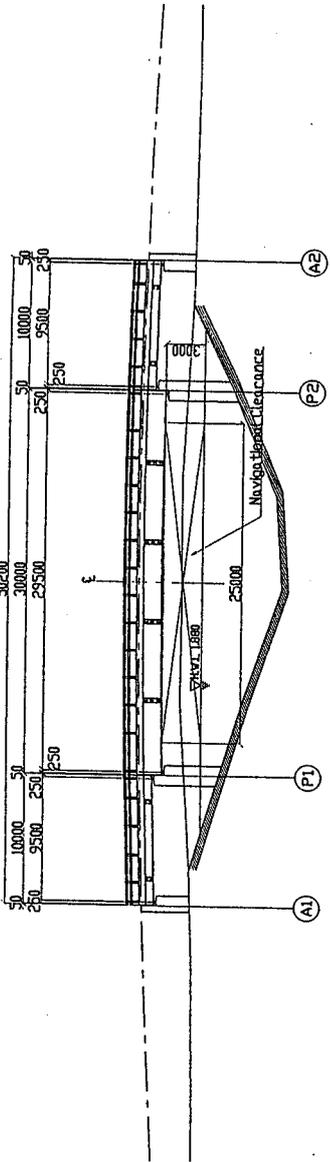
DESIGN CRITERIA

General Condition	
Design Speed	1=40km/h
Bridge Length (Span Length)	40.2m
Clear Width	5.0m
Longitudinal Gradient	8.0%max
Cross-fall of Carriageway	1:80
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel: Fy=2482N/mm ²
Super Structure Type	Deck
Deck	e=2100mm ² /m ²
Sub Beam	e=1400mm ² /m ²
Sub	e=24-300mm ² /m ²
C.Pavement	e=1-50mm ² /m ²
Sub Rail	e=24-300mm ² /m ²
Reinforcing Steel	SD295 (Fy=295N/mm ²)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEGONG DELTA AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport	
The Socialist Republic of Vietnam	
Project Name	Scale
Drawing Title	1/200, 1/50
General Name of Kenh Tu Bridge	Drawing No.

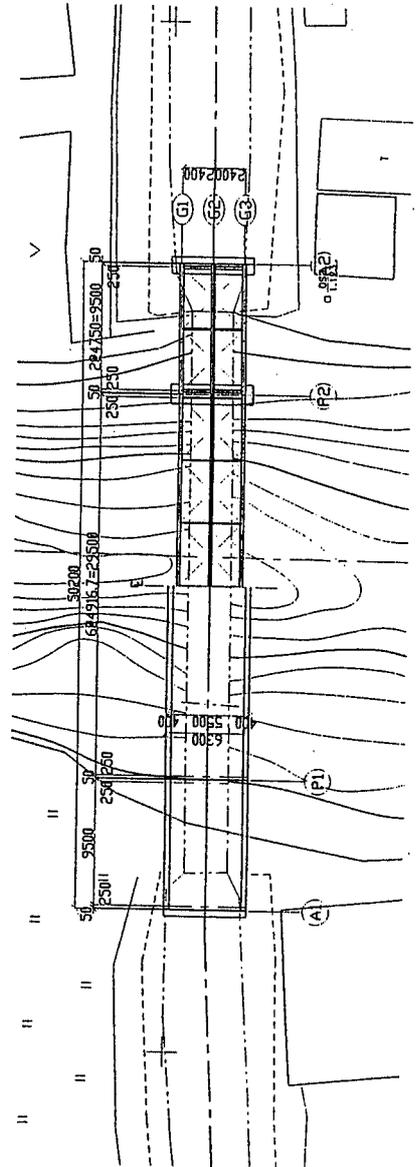
Br.No29 Dai Su Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

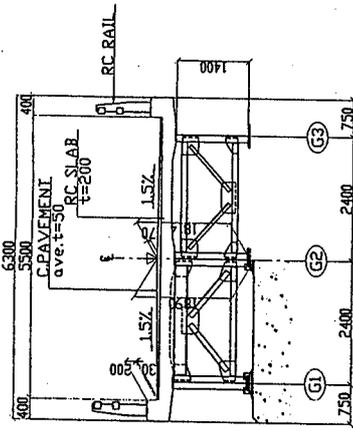


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
	50	50	0	A1
	10000	10000	50	P1
	25000	25000	250	
	30000	30000	500	
	50000	50000	50000	A2
	50	50	0	B1
	10000	10000	50	P2
	25000	25000	250	
	30000	30000	500	
	50000	50000	50000	B2

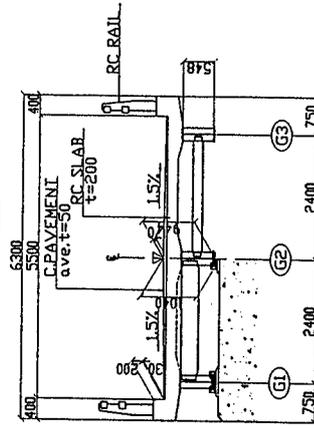
PLAN
SCALE=1/200



SECTION
SCALE=1/50
PI~P2



AI~PI, P2~A2



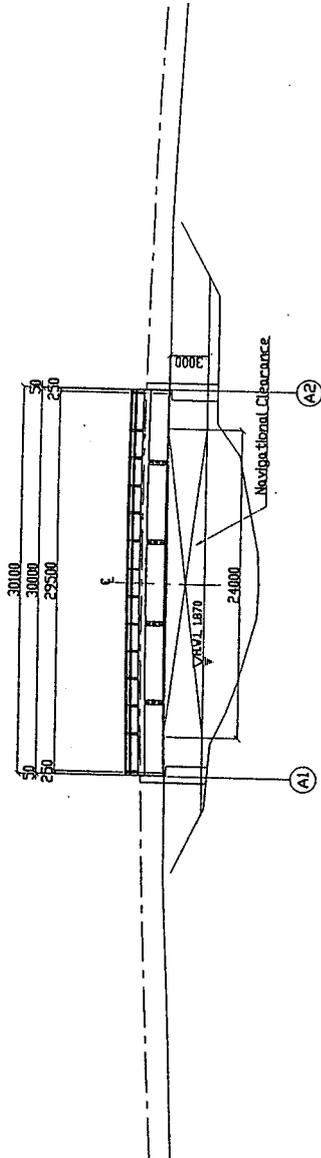
DESIGN CRITERIA

General Condition	Tr-40km/h
Design Speed	40km/h
Bridge Length (Span Length)	60.0m
Clear Width	8.0m
Longitudinal Gradient	1.5%
Cross-fall of Carriageway	1.5%
Super Structure Type	Reinforced Concrete
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel Pipe 4.0M (mm)
Super Structure Type	Steel Pipe 4.0M (mm)
Surfaces	Reinforced Concrete
Sub Structure Type	Reinforced Concrete
Reinforcing Steel	Steel Pipe 4.0M (mm)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MONG HONG AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Pacific Consultants International	
Drawing Title	Scale
General View of Dai Su Bridge	1/200, 1/50
Drawing No.	

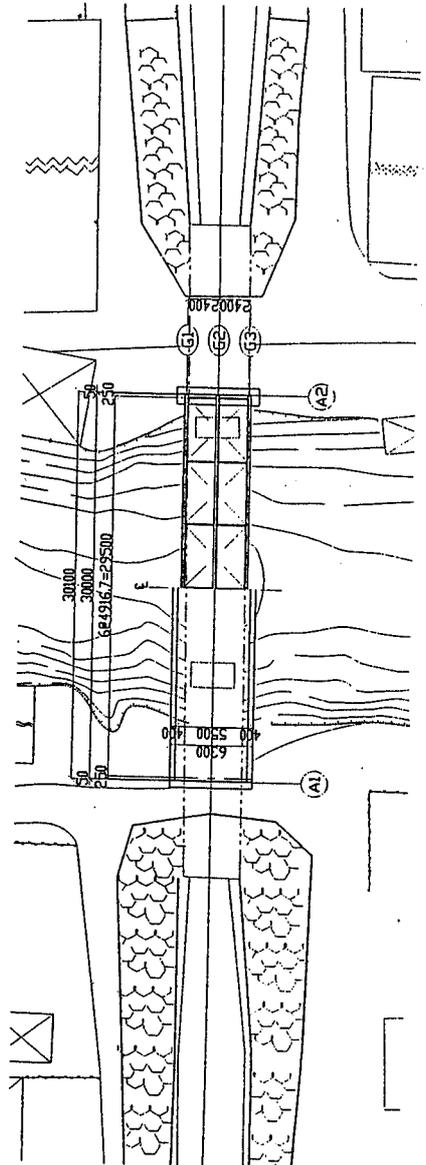
Br.No36 Huong My Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

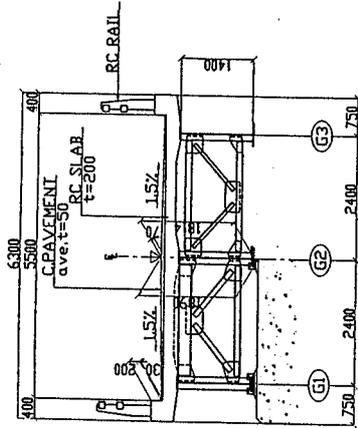


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
30100	418	128	0	
30000	418	128	100	
29500	418	128	200	
29000	418	128	300	
28500	418	128	400	
28000	418	128	500	
27500	418	128	600	
27000	418	128	700	
26500	418	128	800	
26000	418	128	900	
25500	418	128	1000	
25000	418	128	1100	
24500	418	128	1200	
24000	418	128	1300	
23500	418	128	1400	
23000	418	128	1500	
22500	418	128	1600	
22000	418	128	1700	
21500	418	128	1800	
21000	418	128	1900	
20500	418	128	2000	
20000	418	128	2100	
19500	418	128	2200	
19000	418	128	2300	
18500	418	128	2400	
18000	418	128	2500	
17500	418	128	2600	
17000	418	128	2700	
16500	418	128	2800	
16000	418	128	2900	
15500	418	128	3000	

PLAN
SCALE=1/200



SECTION
SCALE=1/50



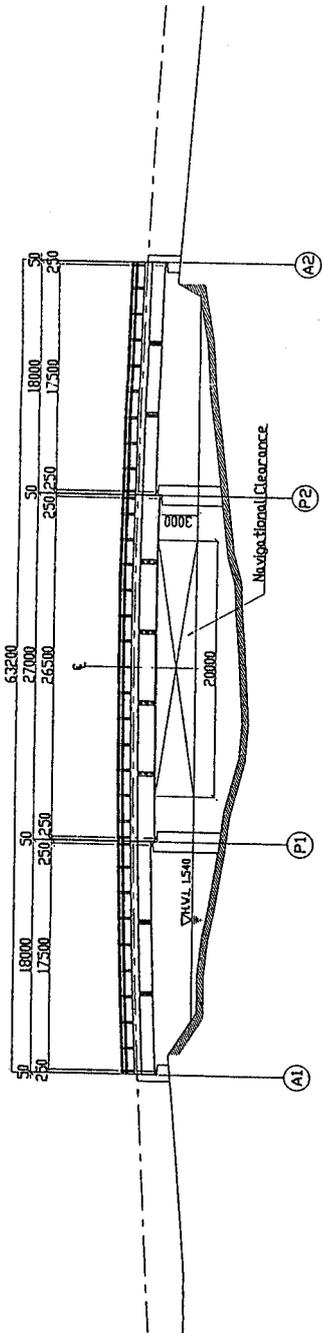
DESIGN CRITERIA

General Condition	Travel	40km/h
Design Speed		
Bridge Length (Span Length)		
Clear Width		
Clearance		
Longitudinal Gradient		
Cross-fall of Carriageway		
Super Structure Type		
Sub Structure Type		
Foundation Type		
Material Strength		
Super Structure Type		
Surface		
Sub Structure Type		
Reinforcing Steel		

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MESSING DATA AREA	
Japan International Cooperation Agency (JICA)	
Ministry of Transport	
The Socialist Republic of Vietnam	
Pacific Consultants International	
Drawing Title	
Scale	
Drawing No.	
General View of Huong My Bridge	
1/200 - 1/50	

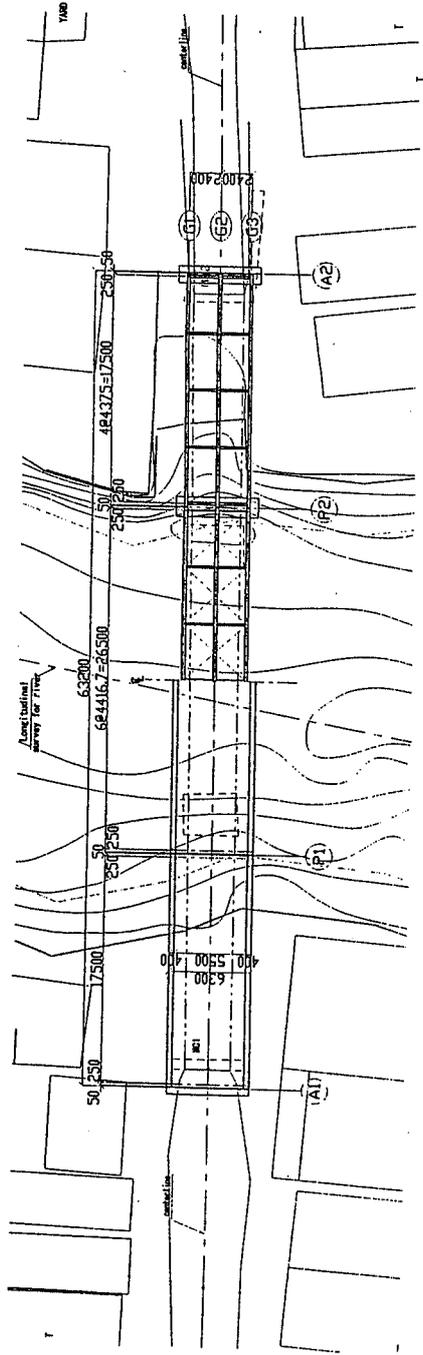
Br.No37 Tan Tru Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200



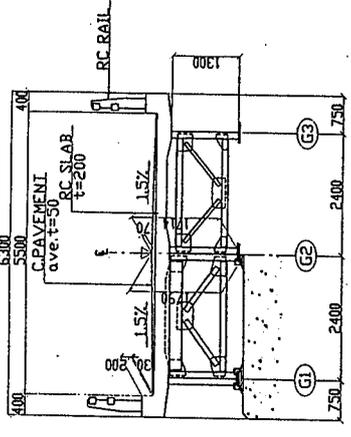
GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
M1	135.4	36.9	29	5330
M2	135.4	36.9	29	5330
M3	135.4	36.9	29	5330
M4	135.4	36.9	29	5330
M5	135.4	36.9	29	5330
M6	135.4	36.9	29	5330
M7	135.4	36.9	29	5330
M8	135.4	36.9	29	5330
M9	135.4	36.9	29	5330
M10	135.4	36.9	29	5330
M11	135.4	36.9	29	5330
M12	135.4	36.9	29	5330
M13	135.4	36.9	29	5330
M14	135.4	36.9	29	5330
M15	135.4	36.9	29	5330
M16	135.4	36.9	29	5330
M17	135.4	36.9	29	5330
M18	135.4	36.9	29	5330
M19	135.4	36.9	29	5330
M20	135.4	36.9	29	5330
M21	135.4	36.9	29	5330
M22	135.4	36.9	29	5330
M23	135.4	36.9	29	5330
M24	135.4	36.9	29	5330
M25	135.4	36.9	29	5330
M26	135.4	36.9	29	5330
M27	135.4	36.9	29	5330
M28	135.4	36.9	29	5330
M29	135.4	36.9	29	5330
M30	135.4	36.9	29	5330
M31	135.4	36.9	29	5330
M32	135.4	36.9	29	5330
M33	135.4	36.9	29	5330
M34	135.4	36.9	29	5330
M35	135.4	36.9	29	5330
M36	135.4	36.9	29	5330
M37	135.4	36.9	29	5330
M38	135.4	36.9	29	5330
M39	135.4	36.9	29	5330
M40	135.4	36.9	29	5330
M41	135.4	36.9	29	5330
M42	135.4	36.9	29	5330
M43	135.4	36.9	29	5330
M44	135.4	36.9	29	5330
M45	135.4	36.9	29	5330
M46	135.4	36.9	29	5330
M47	135.4	36.9	29	5330
M48	135.4	36.9	29	5330
M49	135.4	36.9	29	5330
M50	135.4	36.9	29	5330
M51	135.4	36.9	29	5330
M52	135.4	36.9	29	5330
M53	135.4	36.9	29	5330
M54	135.4	36.9	29	5330
M55	135.4	36.9	29	5330
M56	135.4	36.9	29	5330
M57	135.4	36.9	29	5330
M58	135.4	36.9	29	5330
M59	135.4	36.9	29	5330
M60	135.4	36.9	29	5330
M61	135.4	36.9	29	5330
M62	135.4	36.9	29	5330
M63	135.4	36.9	29	5330
M64	135.4	36.9	29	5330
M65	135.4	36.9	29	5330
M66	135.4	36.9	29	5330
M67	135.4	36.9	29	5330
M68	135.4	36.9	29	5330
M69	135.4	36.9	29	5330
M70	135.4	36.9	29	5330
M71	135.4	36.9	29	5330
M72	135.4	36.9	29	5330
M73	135.4	36.9	29	5330
M74	135.4	36.9	29	5330
M75	135.4	36.9	29	5330
M76	135.4	36.9	29	5330
M77	135.4	36.9	29	5330
M78	135.4	36.9	29	5330
M79	135.4	36.9	29	5330
M80	135.4	36.9	29	5330
M81	135.4	36.9	29	5330
M82	135.4	36.9	29	5330
M83	135.4	36.9	29	5330
M84	135.4	36.9	29	5330
M85	135.4	36.9	29	5330
M86	135.4	36.9	29	5330
M87	135.4	36.9	29	5330
M88	135.4	36.9	29	5330
M89	135.4	36.9	29	5330
M90	135.4	36.9	29	5330
M91	135.4	36.9	29	5330
M92	135.4	36.9	29	5330
M93	135.4	36.9	29	5330
M94	135.4	36.9	29	5330
M95	135.4	36.9	29	5330
M96	135.4	36.9	29	5330
M97	135.4	36.9	29	5330
M98	135.4	36.9	29	5330
M99	135.4	36.9	29	5330
M100	135.4	36.9	29	5330

PLAN
SCALE=1/200

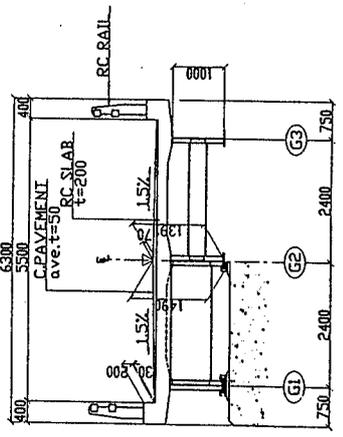


SECTION
SCALE=1/50

P1-P2



A1-P1, P2-A2



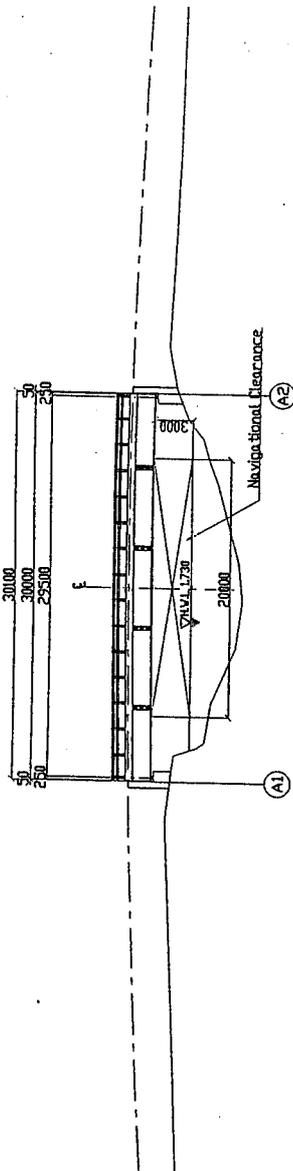
DESIGN CRITERIA

Design Speed	40km/h
Bridge Width	6.5m
Clearance	8.0m
Longitudinal Gradient	1.5%
Cross-fall of Carriageway	1.5%
Super Structure Type	Reinforced Concrete
Sub Structure Type	Pier
Foundation Type	Reinforced Concrete
Material Strength	Grade 40, Steel Pipe 400, 500mm
Super Structure Type	Grade 40, Steel Pipe 400, 500mm
Services	Grade 40, Steel Pipe 400, 500mm
Sub Structure Type	Grade 40, Steel Pipe 400, 500mm
Reinforcing Steel	Grade 40, Steel Pipe 400, 500mm

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEGONG DELTA AREA	
Agency: Asian International Cooperation Agency (AICA)	
Ministry of Transport: The Socialist Republic of Vietnam	
Pacific Consultants International	
Drawing Title	Scale
General View of Tan Tru Bridge	1/200, 1/50
Drawing No.	

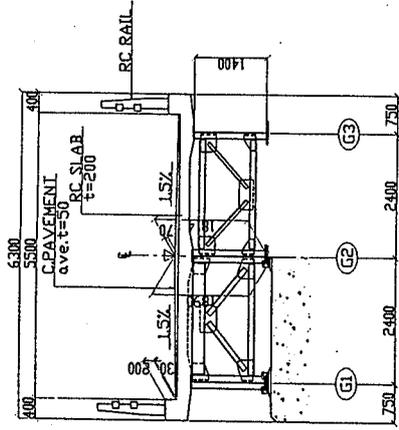
Br.No39 Vinh Cong Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200

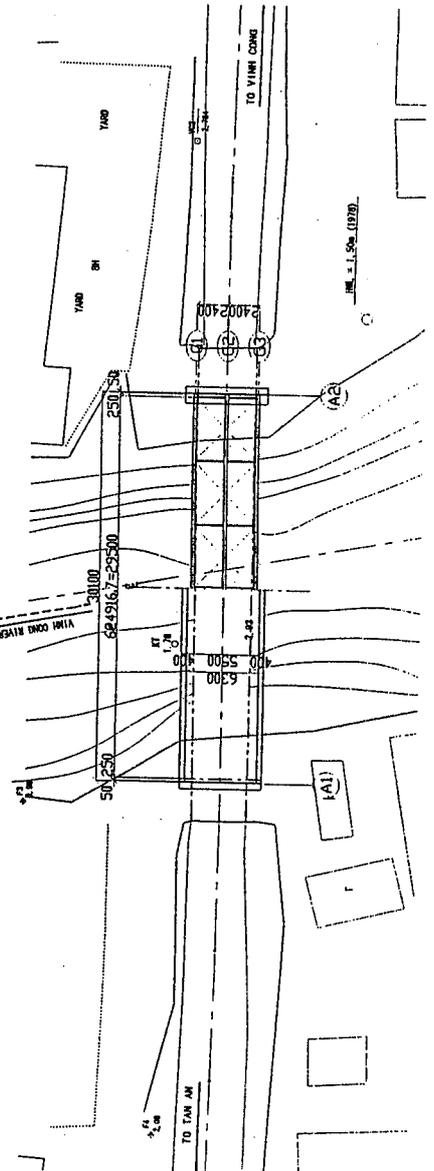


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
6.66	28.83	28.83	0	A1
6.66	28.83	28.83	50	
6.66	28.83	28.83	100	
6.66	28.83	28.83	150	
6.66	28.83	28.83	200	
6.66	28.83	28.83	250	
6.66	28.83	28.83	300	
6.66	28.83	28.83	350	
6.66	28.83	28.83	400	
6.66	28.83	28.83	450	
6.66	28.83	28.83	500	
6.66	28.83	28.83	550	
6.66	28.83	28.83	600	
6.66	28.83	28.83	650	
6.66	28.83	28.83	700	
6.66	28.83	28.83	750	
6.66	28.83	28.83	800	
6.66	28.83	28.83	850	
6.66	28.83	28.83	900	
6.66	28.83	28.83	950	
6.66	28.83	28.83	1000	
6.66	28.83	28.83	1050	
6.66	28.83	28.83	1100	
6.66	28.83	28.83	1150	
6.66	28.83	28.83	1200	
6.66	28.83	28.83	1250	
6.66	28.83	28.83	1300	
6.66	28.83	28.83	1350	
6.66	28.83	28.83	1400	
6.66	28.83	28.83	1450	
6.66	28.83	28.83	1500	
6.66	28.83	28.83	1550	
6.66	28.83	28.83	1600	
6.66	28.83	28.83	1650	
6.66	28.83	28.83	1700	
6.66	28.83	28.83	1750	
6.66	28.83	28.83	1800	
6.66	28.83	28.83	1850	
6.66	28.83	28.83	1900	
6.66	28.83	28.83	1950	
6.66	28.83	28.83	2000	
6.66	28.83	28.83	2050	
6.66	28.83	28.83	2100	
6.66	28.83	28.83	2150	
6.66	28.83	28.83	2200	
6.66	28.83	28.83	2250	
6.66	28.83	28.83	2300	
6.66	28.83	28.83	2350	
6.66	28.83	28.83	2400	
6.66	28.83	28.83	2450	
6.66	28.83	28.83	2500	
6.66	28.83	28.83	2550	
6.66	28.83	28.83	2600	
6.66	28.83	28.83	2650	
6.66	28.83	28.83	2700	
6.66	28.83	28.83	2750	
6.66	28.83	28.83	2800	
6.66	28.83	28.83	2850	
6.66	28.83	28.83	2900	
6.66	28.83	28.83	2950	
6.66	28.83	28.83	3000	
6.66	28.83	28.83	3050	
6.66	28.83	28.83	3100	
6.66	28.83	28.83	3150	
6.66	28.83	28.83	3200	
6.66	28.83	28.83	3250	
6.66	28.83	28.83	3300	
6.66	28.83	28.83	3350	
6.66	28.83	28.83	3400	
6.66	28.83	28.83	3450	
6.66	28.83	28.83	3500	
6.66	28.83	28.83	3550	
6.66	28.83	28.83	3600	
6.66	28.83	28.83	3650	
6.66	28.83	28.83	3700	
6.66	28.83	28.83	3750	
6.66	28.83	28.83	3800	
6.66	28.83	28.83	3850	
6.66	28.83	28.83	3900	
6.66	28.83	28.83	3950	
6.66	28.83	28.83	4000	
6.66	28.83	28.83	4050	
6.66	28.83	28.83	4100	
6.66	28.83	28.83	4150	
6.66	28.83	28.83	4200	
6.66	28.83	28.83	4250	
6.66	28.83	28.83	4300	
6.66	28.83	28.83	4350	
6.66	28.83	28.83	4400	
6.66	28.83	28.83	4450	
6.66	28.83	28.83	4500	
6.66	28.83	28.83	4550	
6.66	28.83	28.83	4600	
6.66	28.83	28.83	4650	
6.66	28.83	28.83	4700	
6.66	28.83	28.83	4750	
6.66	28.83	28.83	4800	
6.66	28.83	28.83	4850	
6.66	28.83	28.83	4900	
6.66	28.83	28.83	4950	
6.66	28.83	28.83	5000	
6.66	28.83	28.83	5050	
6.66	28.83	28.83	5100	
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6.66	28.83	28.83	5200	
6.66	28.83	28.83	5250	
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6.66	28.83	28.83	5550	
6.66	28.83	28.83	5600	
6.66	28.83	28.83	5650	
6.66	28.83	28.83	5700	
6.66	28.83	28.83	5750	
6.66	28.83	28.83	5800	
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6.66	28.83	28.83	5900	
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6.66	28.83	28.83	6050	
6.66	28.83	28.83	6100	
6.66	28.83	28.83	6150	
6.66	28.83	28.83	6200	
6.66	28.83	28.83	6250	
6.66	28.83	28.83	6300	
6.66	28.83	28.83	6350	
6.66	28.83	28.83	6400	
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6.66	28.83	28.83	6700	
6.66	28.83	28.83	6750	
6.66	28.83	28.83	6800	
6.66	28.83	28.83	6850	
6.66	28.83	28.83	6900	
6.66	28.83	28.83	6950	
6.66	28.83	28.83	7000	
6.66	28.83	28.83	7050	
6.66	28.83	28.83	7100	
6.66	28.83	28.83	7150	
6.66	28.83	28.83	7200	
6.66	28.83	28.83	7250	
6.66	28.83	28.83	7300	
6.66	28.83	28.83	7350	
6.66	28.83	28.83	7400	
6.66	28.83	28.83	7450	
6.66	28.83	28.83	7500	
6.66	28.83	28.83	7550	
6.66	28.83	28.83	7600	
6.66	28.83	28.83	7650	
6.66	28.83	28.83	7700	
6.66	28.83	28.83	7750	
6.66	28.83	28.83	7800	
6.66	28.83	28.83	7850	
6.66	28.83	28.83	7900	
6.66	28.83	28.83	7950	
6.66	28.83	28.83	8000	
6.66	28.83	28.83	8050	
6.66	28.83	28.83	8100	
6.66	28.83	28.83	8150	
6.66	28.83	28.83	8200	
6.66	28.83	28.83	8250	
6.66	28.83	28.83	8300	
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6.66	28.83	28.83	8400	
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6.66	28.83	28.83	9550	
6.66	28.83	28.83	9600	
6.66	28.83	28.83	9650	
6.66	28.83	28.83	9700	
6.66	28.83	28.83	9750	
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SECTION
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PLAN
SCALE=1/200



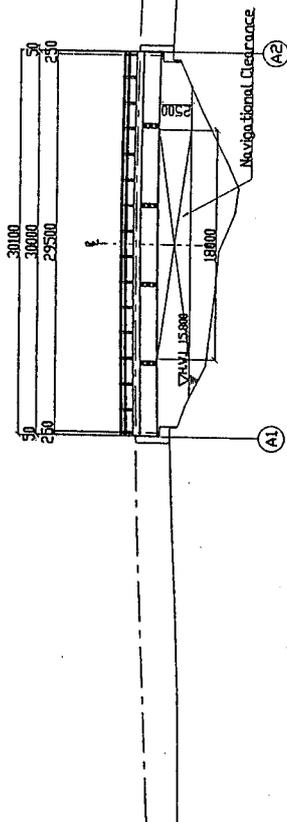
DESIGN CRITERIA

General Conditions	
Design Speed	70km/h
Bridge Length (Span Length)	30.0m
Clear Width	5.5m
Grade	0.75%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm
Material Strength	Steel: Fy=235N/mm ²
Super Structure Type	RC Slab
Sub Structure Type	RC Pier
Reinforcing Steel	RC Slab: Fy=235N/mm ²

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MIEKONG DELTA AREA.	
Agency: International Cooperative Agency (ICA)	
Ministry of Transport: The Socialist Republic of Vietnam	
Drawing Title	Scale
General View of Vinh Cong Bridge	1/200, 1/50
Drawing No.	

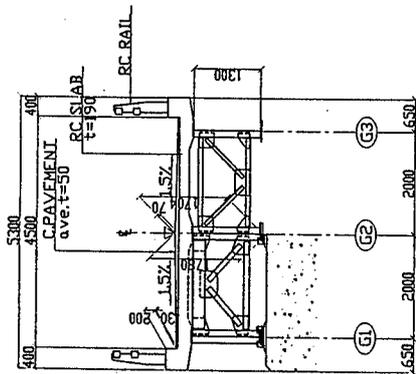
Br.No43 Xe Be Bridge (General View of the Bridge)

PROFILE
SCALE=1/200

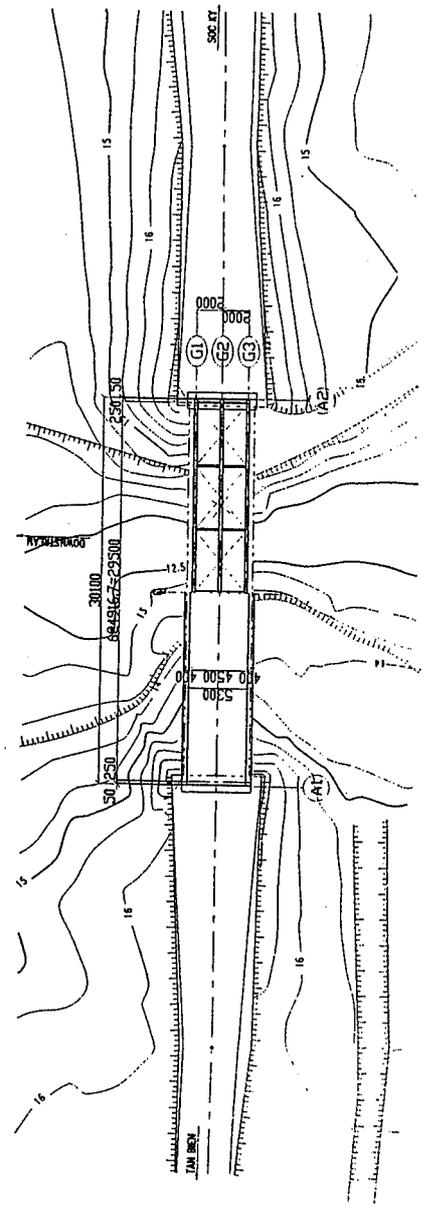


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
30100	30100	23000	0	A1
30000	30000	23000	250	
29500	29500	23000	2500	
29000	29000	23000	5000	
28500	28500	23000	7500	
28000	28000	23000	10000	
27500	27500	23000	12500	
27000	27000	23000	15000	
26500	26500	23000	17500	
26000	26000	23000	20000	
25500	25500	23000	22500	
25000	25000	23000	25000	
24500	24500	23000	27500	
24000	24000	23000	30000	
23500	23500	23000	32500	
23000	23000	23000	35000	
22500	22500	23000	37500	
22000	22000	23000	40000	
21500	21500	23000	42500	
21000	21000	23000	45000	
20500	20500	23000	47500	
20000	20000	23000	50000	
19500	19500	23000	52500	
19000	19000	23000	55000	
18500	18500	23000	57500	
18000	18000	23000	60000	
17500	17500	23000	62500	
17000	17000	23000	65000	
16500	16500	23000	67500	
16000	16000	23000	70000	
15500	15500	23000	72500	
15000	15000	23000	75000	
14500	14500	23000	77500	
14000	14000	23000	80000	
13500	13500	23000	82500	
13000	13000	23000	85000	
12500	12500	23000	87500	
12000	12000	23000	90000	
11500	11500	23000	92500	
11000	11000	23000	95000	
10500	10500	23000	97500	
10000	10000	23000	100000	
9500	9500	23000	102500	
9000	9000	23000	105000	
8500	8500	23000	107500	
8000	8000	23000	110000	
7500	7500	23000	112500	
7000	7000	23000	115000	
6500	6500	23000	117500	
6000	6000	23000	120000	
5500	5500	23000	122500	
5000	5000	23000	125000	
4500	4500	23000	127500	
4000	4000	23000	130000	
3500	3500	23000	132500	
3000	3000	23000	135000	
2500	2500	23000	137500	
2000	2000	23000	140000	
1500	1500	23000	142500	
1000	1000	23000	145000	
500	500	23000	147500	
0	0	23000	150000	

SECTION
SCALE=1/50



PLAN
SCALE=1/200



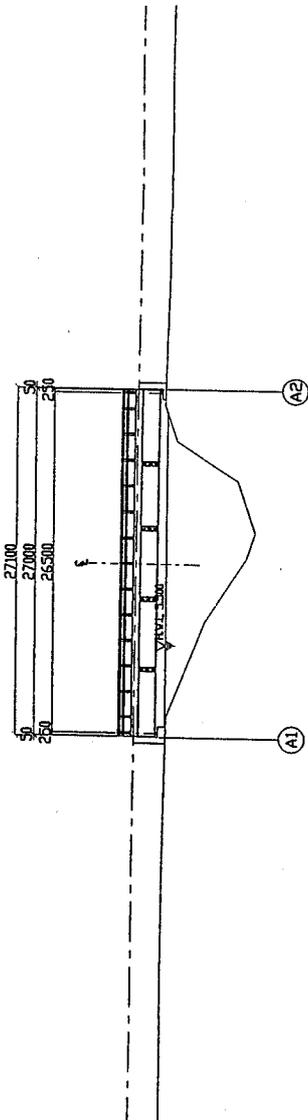
DESIGN CRITERIA

General Condition	
Design Speed	v=40km/h
Bridge Length (Span Length)	30.1m
Clear Height	4.5m
Load	Roadway
Construction	Steel
Clearance of Girders way	1.5m
Super Structure Type	Abutment Reinforced Concrete
Sub Structure Type	Pier Reinforced Concrete
Foundation Type	Reinforced Concrete square Abutment Steel Pipe 400x400mm
Material Strength	
Grade	f _c =2100kg/cm ²
Concrete	f _c =1400kg/cm ²
Sub	f _c =2000kg/cm ²
C.Pavement	area 1-5-5
Curb Wall	f _c =2000kg/cm ²
Sub Structure Type	f _c =2000kg/cm ²
Reinforcing Steel	R235(f _y =235kg/cm ²)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MIEUNG DATA AREA	
Asian International Cooperation Agency (AICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Project Title	Scale
General View of Xe Be Bridge	1/200 - 1/50
Drawing No.	

Br.No46 Rach Ro Bridge (General View of the Bridge)

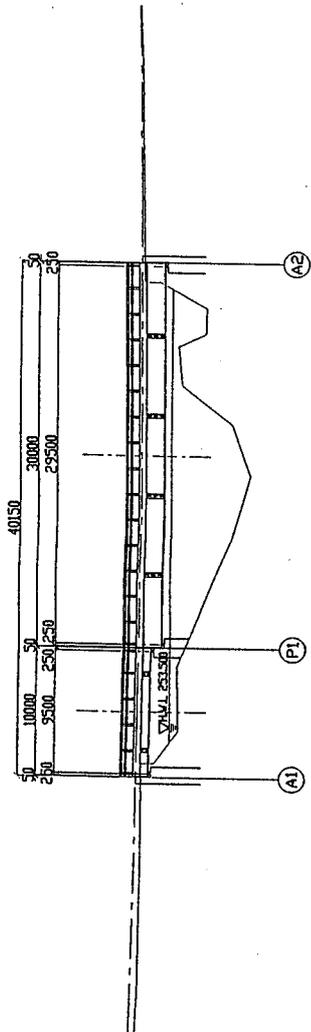
PROFILE
SCALE=1/200



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	DISTANCE	MARKER
	27000	26500	0.00	A1
	27000	26500	1.70	A1
	27000	26500	3.28	A1
	27000	26500	4.93	A1
	27000	26500	6.59	A1
	27000	26500	8.26	A1
	27000	26500	9.91	A1
	27000	26500	11.56	A1
	27000	26500	13.21	A1
	27000	26500	14.86	A1
	27000	26500	16.51	A1
	27000	26500	18.16	A1
	27000	26500	19.81	A1
	27000	26500	21.46	A1
	27000	26500	23.11	A1
	27000	26500	24.76	A1
	27000	26500	26.41	A1
	27000	26500	28.06	A1
	27000	26500	29.71	A1
	27000	26500	31.36	A1
	27000	26500	33.01	A1
	27000	26500	34.66	A1
	27000	26500	36.31	A1
	27000	26500	37.96	A1
	27000	26500	39.61	A1
	27000	26500	41.26	A1
	27000	26500	42.91	A1
	27000	26500	44.56	A1
	27000	26500	46.21	A1
	27000	26500	47.86	A1
	27000	26500	49.51	A1
	27000	26500	51.16	A1
	27000	26500	52.81	A1
	27000	26500	54.46	A1
	27000	26500	56.11	A1
	27000	26500	57.76	A1
	27000	26500	59.41	A1
	27000	26500	61.06	A1
	27000	26500	62.71	A1
	27000	26500	64.36	A1
	27000	26500	66.01	A1
	27000	26500	67.66	A1
	27000	26500	69.31	A1
	27000	26500	70.96	A1
	27000	26500	72.61	A1
	27000	26500	74.26	A1
	27000	26500	75.91	A1
	27000	26500	77.56	A1
	27000	26500	79.21	A1
	27000	26500	80.86	A1
	27000	26500	82.51	A1
	27000	26500	84.16	A1
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	27000	26500	90.76	A1
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	27000	26500	211.21	A1
	27000	26500	212.86	A1
	27000	26500	214.51	A1
	27000	26500	216.16	A1
	27000	26500	217.81	A1
	27000	26500	219.46	A1
	27000	26500	221.11	A1
	27000	26500	222.76	A1
	27000	26500	224.41	A1
	27000	26500	226.06	A1
	27000	26500	227.71	A1
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	27000	26500	232.66	A1
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	27000	26500	275.56	A1
	27000	26500	277.21	A1
	27000	26500	278.86	A1
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	27000	26500	310.21	A1
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	27000	26500	333.31	A1
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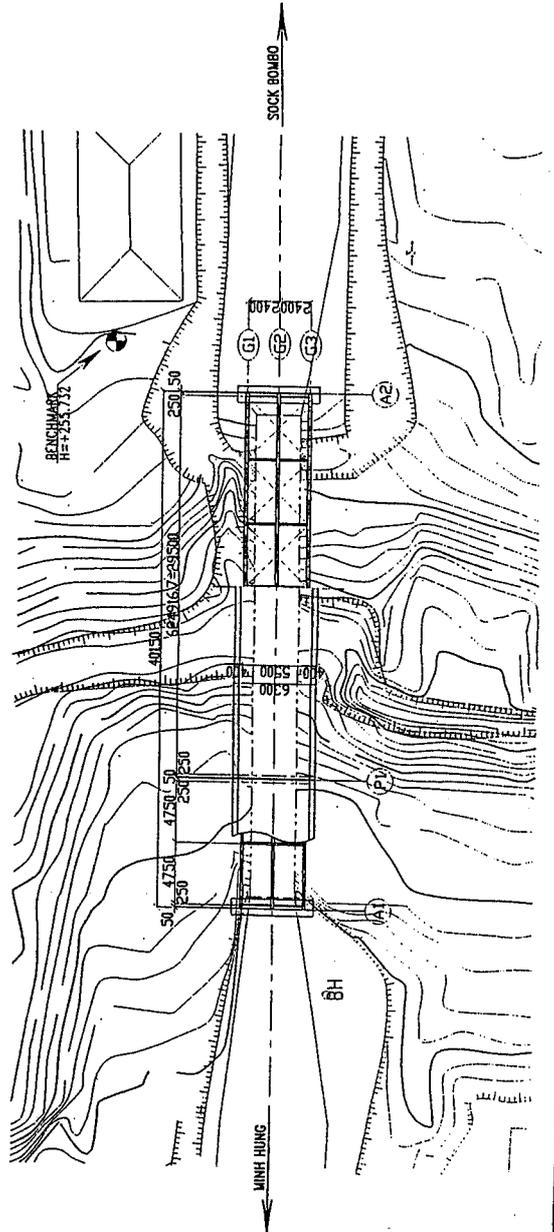
Br.No50 Number 5 Bridge
(General View of the Bridge)

PROFILE
SCALE=1/200



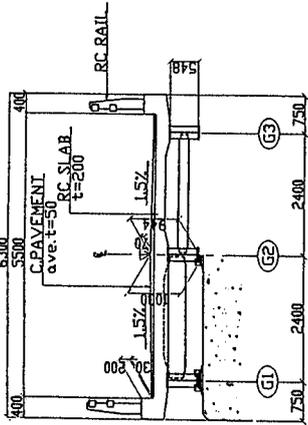
GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
A	66.00	67.50	254.70	254.70
CL	71.45	73.00	254.70	254.70
P1	76.18	77.70	254.70	254.70
PI	80.00	81.50	254.70	254.70
CL	85.00	86.50	254.70	254.70
CL	90.00	91.50	254.70	254.70
CL	94.00	95.50	254.70	254.70
CL	97.00	98.50	254.70	254.70
CL	100.00	101.50	254.70	254.70
CL	103.00	104.50	254.70	254.70
CL	106.50	108.00	254.70	254.70
CL	111.50	113.00	254.70	254.70

PLAN
SCALE=1/200

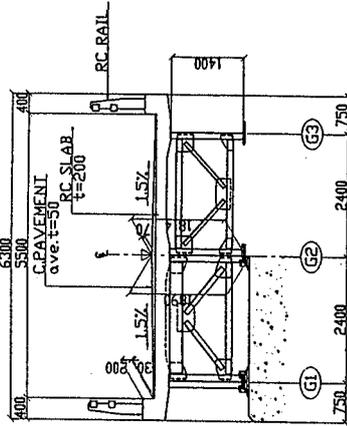


SECTION
SCALE=1/50

A1~P1



P1~A2



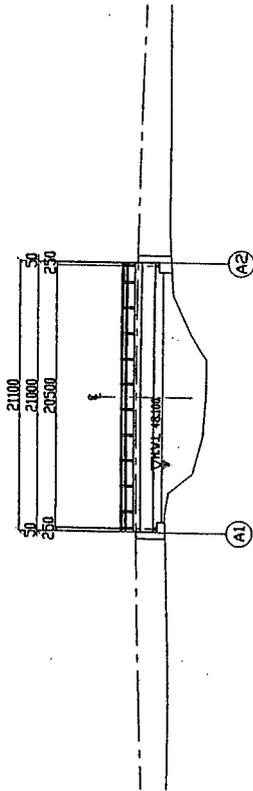
DESIGN CRITERIA

General Condition	
Design Speed	V=40km/h
Bridge Length (Span Length)	401.5m
Clear Width	5.5m
Longitudinal Gradient	0.05max
Cross-fall of Carriage way	1.5%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe 140x4mm
Material Strength	
Grider	σs=2100kg/cm ²
Cross Beam	σs=1600kg/cm ²
Sub	σs=28-30kg/cm ²
C-Framment	σs=1-5cm
Deck Rail	σs=28-30kg/cm ²
Sub Structure Type	σs=28-30kg/cm ²
Reinforcing Steel	σs=2800kg/cm ²

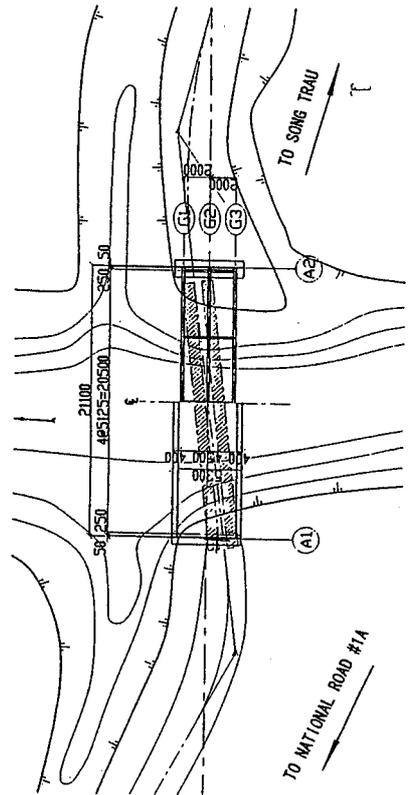
BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEXICO DELTA AREA	
Japan International Cooperation Agency (JICA)	Ministry of Transport
Pacific Consultants International	The Socialist Republic of Vietnam
Drawing Title	Scale
General Year of Number 5 Bridge	1/200 . 1/50
Drawing No.	

Br.No54 Bau Xeo Bridge
(General View of the Bridge)

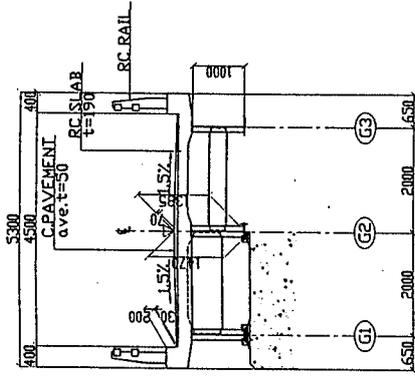
PROFILE
SCALE=1/200



PLAN
SCALE=1/200



SECTION
SCALE=1/50



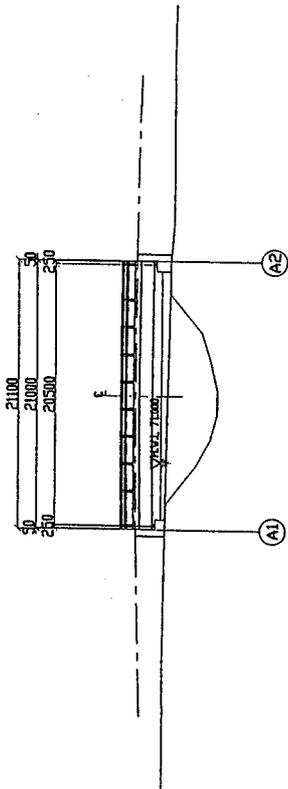
DESIGN CRITERIA

Design Speed	V=40km/h
Bridge Length (Span Length)	21.1m
Clear Width	4.5m
Longitudinal Gradient	8.00%max
Cross-fall of Carriage way	1.50%
Super Structure Type	Steel
Sub Structure Type	Reinforced Concrete Pier
Foundation Type	Reinforced Concrete Square 40x40cm Steel Pipe 400, 4mm
Material Strength	
Super Structure Type	Grid
Concrete	f _c =210kg/cm ²
Steel	f _s =1400kg/cm ²
Surface	f _s =28-300kg/cm ²
Sub Structure Type	f _s =28-300kg/cm ²
Reinforcing Steel	R235 (fy=30kg/cm ²)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN MEGHONG DELTA AREA	
Agency	Asian International Cooperation Agency (AICA)
Client	Ministry of Transport The Socialist Republic of Vietnam
Project Name	Pacific Coastlands International
Drawing Title	Scale
General View of Bau Xeo Bridge	1/200, 1/50
Drawing No.	Drawings No.

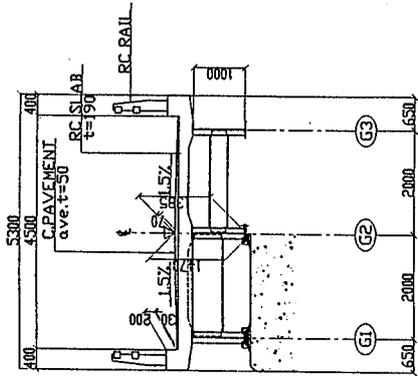
Br.No55 Song thao Bridge (General View of the Bridge)

PROFILE
SCALE=1/200

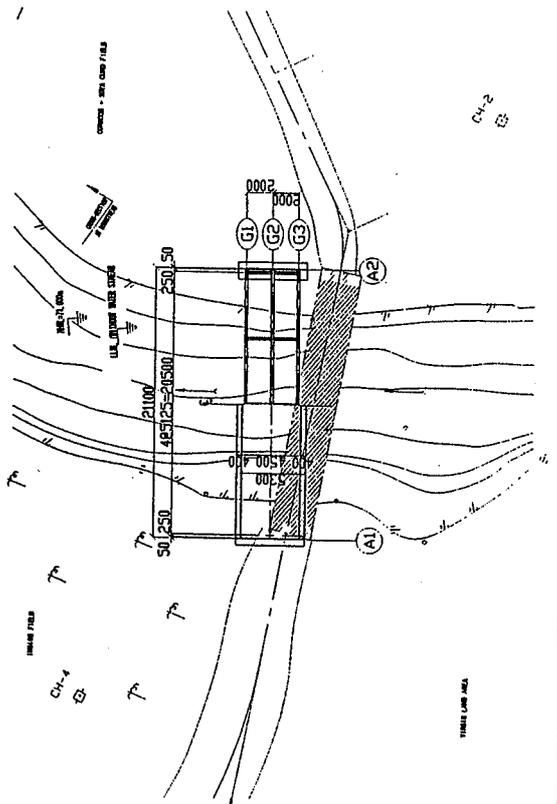


GRADE	PROPOSED HIGHT	GROUND HIGHT	DISTANCE	MARKER
20500	20500	20500	0	A1
20550	20550	20550	250	
20600	20600	20600	500	
20650	20650	20650	750	
20700	20700	20700	1000	
20750	20750	20750	1250	
20800	20800	20800	1500	
20850	20850	20850	1750	
20900	20900	20900	2000	
20950	20950	20950	2250	
21000	21000	21000	2500	A2
21050	21050	21050	2750	
21100	21100	21100	3000	

SECTION
SCALE=1/50



PLAN
SCALE=1/200



DESIGN CRITERIA

General Condition	Y=40km/h
Bridge Speed	Y=40km/h
Bridge Length (Span Length)	21.1m
Clear Width	4.5m
Geometrical Condition	6.0% max
Success of Carriage way	50%
Sub Structure Type	Abutment: Reinforced Concrete Pier: Reinforced Concrete Foundation Type: Reinforced Concrete
Material Strength	Reinforced Concrete: 40x40cm Steel Type: 408.5mm
Super Structure Type	Deck: 4x2100x4/cm ² Cross Beam: 4x1400x4/cm ² Slab: 20x300x4/cm ² C/Pavement: 15cm Curb Wall: 20x300x4/cm ² Reinforcing Steel: S2006(φ=20x/cm ²)
Surface	40x300x4/cm ²
Sub Structure Type	40x300x4/cm ²
Reinforcing Steel	S2006(φ=20x/cm ²)

BASIC DESIGN STUDY ON THE PROJECT FOR CONSTRUCTION OF BRIDGES IN UDONG DELTA AREA	
Apex International Cooperative Agency (ICA)	
Ministry of Transport The Socialist Republic of Vietnam	
Project Title	Scale
General View of Song Thao Bridge	1/200, 1/50
Drawing No.	